Pamph
Bb
C

THE UNIVERSITY OF CHICAGO PRESS
CHICAGO, ILLINOIS

3 1761 09616436 3

A CATALOGUE OF PUBLICATIONS

BB
C

A CATALOGUE OF THE PUBLICATIONS OF THE UNIVERSITY OF CHICAGO PRESS

INCLUDING ANNOUNCEMENTS OF BOOKS AND PAMPHLETS, PERIODICALS, UNIVERSITY EXTENSION SYLLABI, TRACTS, AND CIRCULARS, AND OFFICIAL DOCUMENTS OF THE UNIVERSITY OF CHICAGO

Autumn Edition

CHICAGO
The University of Chicago Press
1902

THE ADMINISTRATIVE BOARD OF THE UNIVERSITY OF CHICAGO PRESS

President William R. Harper, *Chairman*

Recorder Alonzo K. Parker, *ex officio*

Director Newman Miller, *ex officio*

Professor Thomas C. Chamberlin, *ex officio*

Professor John M. Coulter, *ex officio*

Professor J. Laurence Laughlin, *ex officio*

Professor Albion W. Small, *ex officio*

Professor George E. Hale, *ex officio*

Professor John Dewey, *ex officio*

Professor Shailer Mathews

Associate Professor George E. Vincent

Associate Professor Ernst Freund

Associate Professor James R. Angell

Associate Professor Francis W. Shepardson

INTRODUCTION

THE UNIVERSITY OF CHICAGO PRESS constitutes one of the divisions of the University of Chicago. An administrative board, appointed from the faculties of the University by the Trustees, has the general oversight of its affairs. The management of The University Press is in the hands of the Director. It is organized in three departments: first, the publication department; second, the manufacturing department; third, the retail and supply department.

The work connected with the publication department includes the distribution and sale of the books, pamphlets, and periodicals announced elsewhere in this catalogue.

The manufacturing department is equipped to do all kinds of printing and book-making, with special attention to the execution of academic work, including theses and reports of educational bodies and learned societies. Aside from the types used in connection with the various grades of book, magazine, and job work, the plant contains fonts of italic accents, mathematical and astronomical signs, Greek, Hebrew, Syriac, Arabic, Ethiopic, etc.

Through the retail and supply department supplies for the various laboratories and the administrative offices of the University are furnished, and equipment and books for the general and departmental libraries are purchased. For the convenience of patrons, book and supply stores are maintained. Special attention is given also to mail orders for books in all lines.

THE UNIVERSITY OF CHICAGO,
October 1, 1902.

GENERAL INFORMATION

THE FOLLOWING INFORMATION with reference to publications announced in this catalogue should be noted:

Sizes of Books. The volumes described are uniform and in keeping with the general rules of book-making. The following descriptions represent the approximate dimensions: 32mo, 4 × 5½ inches; 18mo, 4⅝ × 6⅛ inches; 16mo, 4¾ × 7⅛ inches; 12mo, 5¼ × 7¾ inches; crown 8vo, 5½ × 8 inches; 8vo, 6 × 9 inches; royal 8vo, 6¾ × 9½ inches; 4to, 10 × 12 inches; folio, 13 × 15 inches. Special sizes—such as small 4to, square 8vo, square 16mo, etc.—are modifications of the sizes named above. The figures refer, in all cases, to external measurements of the cover.

Bindings. Many publications are furnished in paper covers. Cloth-bound editions are so indicated, and, when desired, orders will be taken for cloth-bound copies of paper-covered editions, either of single books or of volumes of series or periodicals. Quotations will be submitted on application, and in each case the cost-price of job-binding will be charged.

Prices. The prices given are retail prices at which the books are expected to be sold, and, when not otherwise indicated, the books are "net." On books marked with an asterisk the prices are "list," but they are sold with special discounts to the trade only. *Postage must be added to all mail orders for "net" books.*

Teachers wishing to examine any class-book in this catalogue with a view to its adoption as a text-book may have a sample copy at the "net" or "list" price, as the case may be. If an order is placed for ten or more, or if the sample is returned, the payment will be refunded. Works of reference are not included in this offer.

Remittances. In all cases remittances, whether by check, money order, or draft, should be made payable to THE UNIVERSITY OF CHICAGO.

Correspondence. All communications should be addressed to THE UNIVERSITY OF CHICAGO PRESS.

BOOKS AND PAMPHLETS

EDUCATION

***The School and Society.** By JOHN DEWEY. (Third edition.) Supplemented by a statement of the University Elementary School. 130 pp., 12mo, cloth, postpaid $1.00

Report of the Educational Commission of the City of Chicago. The commission was appointed by HON. CARTER H. HARRISON, January 19, 1898, and the report is edited by WILLIAM R. HARPER. (Second edition.) 250 pp., royal 8vo, paper, *net*, $1.00; postpaid 1.11

The Education of Business-Men. A View of the Organization and Courses of Study in Commercial High Schools of Europe. By EDMUND J. JAMES. 232 pp., 8vo, paper, *net*, 50 cents; postpaid 57

The Prospects of the Small College. By WILLIAM R. HARPER. Recast from a series of lectures delivered at the University of Chicago. 48 pp., 12mo, paper, *net*, 25 cents; postpaid 27

The Philosophy of the Humanities. By THOMAS FITZ-HUGH. 63 pp., royal 8vo, paper, *net*, 50 cents; postpaid 53

Results of the Chicago Experiment in Introducing Latin into the Seventh and Eighth Grades. By AUGUSTUS F. NIGHTINGALE. 16 pp., 8vo, paper, *net*, 15 cents; postpaid 17

Should Papers Dealing with Matters of Scholarship, or Papers on Method, Be the Chief Feature of Teachers' Meetings? By FRANCIS W. KELSEY. Reprinted from the *School Review*, Vol. IV, No. 8. 10 pp., royal 8vo, paper, *net*, 10 cents; postpaid 12

CONTRIBUTIONS TO EDUCATION:

No. 1. **Isolation in the School.** By ELLA FLAGG YOUNG. 111 pp., 12mo, paper, *net*, 50 cents; postpaid 54

No. 2. **Psychology and Social Practice.** By JOHN DEWEY. 42 pp., 12mo, paper, *net*, 25 cents; postpaid 27

No. 3. **The Educational Situation.** By JOHN DEWEY. 104 pp., 12mo, paper, *net*, 50 cents; postpaid 53

No. 4. **Ethics in the School.** By ELLA FLAGG YOUNG. 44 pp., 12mo, paper, *net*, 25 cents; postpaid 27

No. 5. **The Child and the Curriculum.** By JOHN DEWEY. 12mo, paper, *net*, 25 cents; postpaid 27

No. 6. **Some Types of Modern Educational Theory.** By ELLA FLAGG YOUNG. 80 pp., 12mo, paper, *net*, 25 cents; postpaid . . .28

The series, six numbers, *net*, $1.50; postpaid 1.66

CONTRIBUTIONS TO PHILOSOPHY:[1]

Vol. I, No. 1. **Studies from the Psychological Laboratory.** By JAMES ROWLAND ANGELL. 52 pp., royal 8vo, paper, *net*, 35 cents; postpaid $0.38

No. 2. **The Necessary and the Contingent in the Aristotelian System.** By WILLIAM ARTHUR HEIDEL, PH.D. 46 pp., royal 8vo, paper, *net*, 35 cents; postpaid 38

No. 3. **The Significance of the Problem of Knowledge.** By JOHN DEWEY. 20 pp., royal 8vo, paper, *net*, 35 cents; postpaid 37

No. 4. **The Impersonal Judgment: Its Nature, Origin, and Significance.** By SIMON FRASER MACLENNAN. 49 pp., royal 8vo, paper, *net*, 35 cents; postpaid . .38

No. 5. **The Individual and His Relation to Society, as Reflected in British Ethics.** Part I. The Individual in Relation to Law and Institutions. By JAMES H. TUFTS and HELEN B. THOMPSON. 53 pp., royal 8vo, paper, *net*, 35 cents; postpaid . .38

Vol. II, No. 1. **The Parallelism of Mind and Body from the Standpoint of Metaphysics.** By ARTHUR KENYON ROGERS, PH.D. 64 pp., royal 8vo, paper, *net*, 35 cents; postpaid 38

No. 3. **Association of Ideas: A Preliminary Study.** By AMY ELIZA TANNER. 62 pp., royal 8vo, paper, *net*, 35 cents; postpaid 39

No. 4. **The Imagination in Spinoza and Hume.** By WILLARD CLARK GORE. 77 pp., royal 8vo, paper, *net*, 35 cents; postpaid 39

Vol. III, No. 1. **The Functional versus the Representational Theories of Knowledge in Locke's Essay.** By ADDISON W. MOORE. 67 pp., royal 8vo, paper, *net*, 35 cents; postpaid 39

THE ELEMENTARY SCHOOL RECORD:

A series of nine monographs on the Elementary School of the University of Chicago. Edited by JOHN DEWEY AND LAURA L. RUNYON.

No. 1. **Art:** "Principles of Education Applied to Art," by LILLIAN CUSHMAN; School Reports of Groups III and IV; "The General Principles of Work, Educationally Considered," by JOHN DEWEY. 30 pp., royal 8vo, paper.[2]

No. 2. **Music:** "Song Composition," by MRS. MAY ROOT KERN; School Reports of Groups V and VI, with introduction by JOHN DEWEY. 36 pp., royal 8vo, paper, *net*, 15 cents; postpaid 17

[1] Vol. II, No. 2, of this series is out of print.

[2] Out of print as a separate; can be furnished only with complete sets.

No. 3. **Textiles**: "Textile Industries," by ALTHEA HARMER; "The Psychology of Occupation," by JOHN DEWEY; School Reports of Groups VII and VIII. 32 pp., royal 8vo, paper, *net*, 15 cents; postpaid $0.17

No. 4. **Botany**: "Experiments in Plant Physiology," by KATHARINE ANDREWS; "Reflective Attention," by JOHN DEWEY; School Reports of Groups IX and X. 32 pp., royal 8vo, paper, *net*, 15 cents; postpaid 17

No. 5. **Kindergarten**: "The Subprimary (Kindergarten) Department," by GEORGIA P. SCATES; "Froebel's Educational Principles," by JOHN DEWEY. 30 pp., royal 8vo, paper.[1]

No. 6. **Science**: "Science in Elementary Education," by KATHERINE B. CAMP; School Reports of Groups III and IV (these reports describe the work following the reports in No. 1). 24 pp., royal 8vo, paper, *net*, 15 cents; postpaid .17

No. 7. **Manual Training**: "Manual Training," by FRANK H. BALL; School Reports of Groups V and VI (continuation of work reported in No. 2). 24 pp., royal 8vo, paper, *net*, 15 cents; postpaid 17

No. 8. **History**: "The Aim of History in Elementary Education," by JOHN DEWEY; "History," by GEORGIA F. BACON; School Reports of Groups VII and VIII (continuation of work reported in No. 3). 28 pp., royal 8vo, paper, *net*, 15 cents; postpaid 17

No. 9. **Curriculum**: "The Psychology of an Elementary Curriculum," by JOHN DEWEY; School Reports of Groups IX and X (continuation of work reported in No. 4). 32 pp., royal 8vo, paper, *net*, 15 cents; postpaid 17

The series, royal 8vo, bound in one volume, cloth, *net*, $1.75; postpaid 1.89

PUBLICATIONS OF THE NATIONAL HERBART SOCIETY (now THE NATIONAL SOCIETY FOR THE SCIENTIFIC STUDY OF EDUCATION):

First Yearbook, 1895.

CONTENTS: Most Pressing Problems Concerning the Elementary Course of Study, by Charles De Garmo; Concentration, by Frank McMurry; The Culture Epochs, by C. C. Van Liew; Plan of Concentration for First Two School Years, by Lida B. McMurry.

140 pp., 8vo, *net*, 75 cents; postpaid 79

First Supplement to the First Yearbook.

CONTENTS: Discussion of the above topics.

72 pp., 8vo, *net*, 25 cents; postpaid 28

Second Supplement to the First Yearbook.

CONTENTS: Interest as Related to Will, by John Dewey. Revised and republished by the Society.

40 pp., 8vo, *net*, 25 cents; postpaid 27

[1] Out of print as a separate; can be furnished only with complete sets.

Second Yearbook, 1896.

CONTENTS: Isolation and Unification as Bases of Courses of Study, by Emerson E. White and Charles A. McMurry; A Point of Difference between Race and Individual Development, by Herman T. Lukens; Culture Epochs, by Levi Seeley, Elmer E. Brown, John Dewey, Charles A. McMurry, Louis H. Galbreath, David Felmley, and C. C. Van Liew; The Colossal-Man Theory of Education, by B. A. Hinsdale; Present Status of the Doctrine of Interest, by Charles De Garmo; Literature in the High School, by J. Rose Colby.

174 pp., 8vo, *net*, 75 cents; postpaid $0.80

Supplement to the Second Yearbook.

CONTENTS: Training for Citizenship, by Jeremiah W. Jenks.

32 pp., 8vo, *net*, 25 cents; postpaid 27

Third Yearbook, 1897.

CONTENTS: Ethical Principles Underlying Education, by John Dewey; Social Aspects of Moral Education, by Charles De Garmo; Relation of School Discipline to Moral Education, by William T. Harris; Relation of School Studies to Moral Training, by John Adams; Training for Citizenship, by Edmund J. James and C. C. Van Liew, with Discussion by Jeremiah W. Jenks and others; Teaching of Economics in the Secondary Schools, by Frank H. Dixon; Elementary Schools and Civic Education, by Charles A. McMurry.

144 pp., 8vo, *net*, 75 cents; postpaid 80

Supplement to the Third Yearbook.

CONTENTS: Observation and Apperception, by Arnold Tompkins; The Application of the Principles of Herbart to Secondary Schools, by Otto Frick and Dr. Friedel.

32 pp., 8vo, *net*, 25 cents; postpaid 27

Fourth Yearbook, 1898.

CONTENTS: Relation of Knowledge to Will and Conduct, by James Seth; The Social Function of United States History, by John Bach McMaster; Method of the Social Function of History, by M. G. Brumbaugh; The Social Function of History, by Frank Blair; The Social Function of Geography, by Spencer Trotter; Systematic Geography, by W. M. Davis; The Discussions at Chattanooga, February, 1898.

120 pp., 8vo, *net*, 75 cents; postpaid 79

Supplement to the Fourth Yearbook.

CONTENTS: A Course of Study in Geography for the Common School, by Charles A. McMurry.

56 pp., 8vo, *net*, 25 cents; postpaid 27

Fifth Yearbook, 1899.

CONTENTS: Significance of the Frontier in American History, by Frederick J. Turner, with Discussion; Mediæval and Modern History in the High School, by James Harvey Robinson, with Discussion; The Social End of Education, by I. W. Howarth, with Discussion.

112 pp., 8vo, *net*, 75 cents; postpaid 79

Supplement to the Fifth Yearbook.

CONTENTS: Commercial Education, by Cheesman A. Herrick.

118 pp., 8vo, *net*, 50 cents; postpaid 54

Price for the set of five Yearbooks and six Supplements, 1,040 pp., 8vo, cloth, *net*, $5.00; postpaid 5.29

PUBLICATIONS OF THE NATIONAL SOCIETY FOR THE SCIENTIFIC STUDY OF EDUCATION (formerly THE NATIONAL HERBART SOCIETY):

First Yearbook, 1902, Part I.

CONTENTS: Some Principles in the Teaching of History, by Lucy M. Salmon.

76 pp., 8vo, *net*, 50 cents; postpaid $0.53

First Yearbook, 1902, Part II.

CONTENTS: The Progress of Geography in the Schools, by W. M. Davis.

58 pp., 8vo, *net*, 50 cents; postpaid 53

TRANSACTIONS OF THE ILLINOIS SOCIETY FOR CHILD-STUDY:

Vol. I, No. 1.

CONTENTS: Child-Study as Related to the Work of Instruction, by C. C. Van Liew; Some Social Aspects of Child-Study, by David Kinley; Thoughts Suggested by the Study of the Blind, by Frank H. Hall; Measurements of One Hundred and Sixty Children from Chicago Factories, by Bayard Holmes; Suggestions on the Study of Children, by William L. Bryan; etc.

117 pp., 8vo, paper, *net*, 50 cents; postpaid 54

Vol. I, No. 2.

CONTENTS: Plan of Organization of the Illinois Society for Child-Study; Syllabi for Child-Study, a series of twenty-one syllabi, including: The Social Sense, by Mark Baldwin; A Study of Habit Degeneration, by F. B. Dresslar; Child-Language, by H. T. Lukens; Evolution of Language in Children, by F. W. Parker; Comparative Child-Study Observations, by T. P. Bailey; etc.

86 pp., 8vo, paper, *net*, 25 cents; postpaid 28

Vol. I, No. 4.

CONTENTS: Results of Child-Study Applied to Education. Answers received from child-study scientists to the questions: (1) "If we, as teachers, were to apply the already acquired results in child-study, in teaching and treatment of children, what prevailing methods would be inhibited?" (2) "What principles, methods, or devices for the teaching and treatment of pupils, not now in common use, should, in your opinion, be taken as fundamental and authoritative, and applied to school work?" Answers from seventeen investigators, including: Professor W. Rein, Jena, Germany; Dr. Francis Warner, London, England; Dr. Francis Tracy, Toronto, Ont.; Dr. G. Stanley Hall, Worcester, Mass.; Dr. J. Mark Baldwin, Princeton, N. J.; Dr. John Dewey, Chicago, Ill.; and others; followed by editorial comment by Francis W. Parker.

63 pp., 8vo, paper, *net*, 25 cents; postpaid 28

Vol. II, No. 2.

CONTENTS: Proceedings of the Third Annual Congress, May, 1896, including: The Interpretation Side of Child-Study, by John Dewey; Child-Study in New York State, by Charles R. Skinner, M. V. O'Shea, and Charles H. Thurber; Child-Study in Minnesota, by Louis H. Galbreath; Child-Study in Michigan, by Henry Pattengill; Left-Handedness, by F. Tracy; Child-Study in Illinois, by C. C. Van Liew; Child-Study and the Slums, by Graham Taylor; etc.

215 pp., 8vo, paper, *net*, 50 cents; postpaid 56

Vol. III, No. 1.

CONTENTS: The Child and His Environment, by George H. Mead; Children's Fears as Material for Expression and a Basis of Education in Art, by Colin A. Scott; Child-Study for Class Work, by Louis H. Galbreath; Method in Child-Study, by S. F. MacLennan; The Education of the Motor Centers, by Reuben Post Halleck; Children's Secrets, by Mrs. B. Ellen Burke; etc.

73 pp., royal 8vo, paper, *net*, 25 cents; postpaid 28

Vol. III, No. 2.

CONTENTS: Defects of Development in Childhood, by Eugene S. Talbot; The Periods of Stress in Childhood, by James G. Kiernan; The Morbid Conscience of Adolescents, by George A. Coe; Observations in the Development of a Child During the First Year, by Mrs. Andrew McLeish; Report of the Work Done in Child-Study, by Derexa Morey-Errant; etc.

56 pp., royal 8vo, paper, *net*, 25 cents; postpaid $0.27

Vol. III, No. 3.

CONTENTS: Children's Ambitions, by John I. Jegi; Apperception and Child-Study, by Manfred J. Holmes; Practical Course in Child-Study for Teachers, by Louis H. Galbreath; The Sunday School and Child-Study, by Mrs. L. Amoreaux, Francis W. Parker; etc.

47 pp., royal 8vo, paper, *net*, 25 cents; postpaid 27

Vol. III, No. 4.

CONTENTS: A Promising Line of Child-Study for Parents, by F. A. Kirkpatrick; Æsthetic Occupations, by Josephine C. Locke; Plans for the Development of Child-Study in the State through the State Department, by Charles H. Thurber; Correspondence Department, by Francis W. Parker; Reports Presented at the Annual Congress of the Society in 1889, Bloomington; etc.

48 pp., royal 8vo, paper, *net*, 25 cents; postpaid 28

Vol. IV, Nos. 1 and 2.

CONTENTS: Play Interests of Children, by Will S. Monroe; Suggestions as to the Basis of a Sunday-School Curriculum, by George E. Dawson; The Value of Nature-Study in the Elementary Grades, by Mrs. McMurray; The Relation of the Kindergarten to Primary Education, by Francis E. Cook; Two Studies of School Children, by Maud Valentine; etc.

64 pp., royal 8vo, paper, *net*, 50 cents; postpaid 53

Vol. IV, No. 3.

CONTENTS: Principles of Mental Development as Illustrated in Early Infancy, by John Dewey; The Unity of the Periods of Growth in Man, by Derexa Morey-Errant; The Language of the Body, by Elizabeth Harrison; Little Critics, by Charles H. Thurber; etc.

38 pp., royal 8vo, paper, *net*, 25 cents; postpaid 27

Vol. V, No. 1.

CONTENTS: Child-Study Congress, May, 1900, by D. P. MacMillan; Adaptation of Bible Literature to the Child, by Ernest D. Burton; Family Status and Secondary Education, by Henry W. Thurston; The Cultivation of the Sense of Beauty, by Lucy S. Silke; Child-Study in the Home, by Martha V. McLeish; etc.

42 pp., 8vo, paper, *net*, 10 cents; postpaid 12

Vol. V, No. 2.

CONTENTS: Sight Tests of Chicago School Children, by Charles C. Krauskopf; Sight and Hearing in Education, by Frank H. Hall; Fatigue in Relation to Consciousness, by W. X. Sudduth; What Child-Study Has Brought the Children, by Francis W. Parker; etc.

40 pp., 8vo, paper, *net*, 25 cents; postpaid 27

Vol. V, Nos. 3 and 4.

CONTENTS: Diagnosis of the Backward Child, by Dr. W. S. Christopher; The Psychology of Literary Expression, by A. W. Moore; Morbid Nervous Conditions Found in Children, by Mary R. Weyler Campbell; Malnutrition and How it May Show Itself in the School Child, by Derexa Morey-Errant; etc.

48 pp., 8vo, paper, *net*, 10 cents; postpaid 12

Vol. VI.

CONTENTS: Early Reasoning in Children, by M. C. and H. Gale; Our Present Knowledge of the Growth of the Nervous System, by H. H. Donaldson; The Outlook for the Physical Welfare of Our Children, by Derexa Morey-Errant; The American Child, by Graham Taylor; Adolescence from the Physical Standpoint, by W. S. Christopher; Prevention *vs.* Child-Saving, by Bayard Holmes; Reading from Adolescents, by Helene Louise Dickey; Functions of Literature in the Life of the Child, by Ella Adams Moore; Report of the Home Department of the Evanston Woman's Club, by Elizabeth Edward Field.

80 pp., 8vo, paper, *net*, 25 cents; postpaid $0.27

LANGUAGES

Syntax of the Moods and Tenses in New Testament Greek. By ERNEST DEWITT BURTON. (Fourth edition.) 216 pp., 12mo, cloth, *net*, $1.50; postpaid 1.60

Cours Complet de Langue Française. By MAXIME INGRES. 314 pp., 8vo, cloth, *net*, $1.50; postpaid 1.62

Assyrian and Babylonian Letters Belonging to the Kouyunjik Collections of the British Museum. Edited by ROBERT FRANCIS HARPER.

Part I, pp. xv + 116 plates of texts, 8vo, cloth, *net*, $6; postpaid 6.10
Part II, pp. xv + 112 plates of texts, 8vo, cloth, *net*, $6; postpaid 6.11
Part III, pp. xv + 116 plates of texts, 8vo, cloth, *net*, $6; postpaid 6.11
Part IV, pp. xvi + 116 plates of texts, 8vo, cloth, *net*, $6; postpaid 6.11
Part V, pp. xv + 120 plates of texts, 8vo, cloth, *net*, $6; postpaid 6.12
Part VI, pp. xv + 120 plates of texts, 8vo, cloth, *net*, $6; postpaid 6.12
The series, six volumes, 8vo, cloth, *net*, $36; postpaid 36.67
Parts VII and VIII in preparation.

The Treatment of Nature in German Literature from Günther to the Appearance of Goethe's Werther. By MAX BATT. 112 pp., royal 8vo, paper, *net*, $1.00; postpaid. 1.05

The Negatives of the Indo-European Languages. By FRANK HAMILTON FOWLER. 40 pp., royal 8vo, paper, *net*, 50 cents; postpaid . . .52

The Letters of the R^m 2 Collection in the British Musum; with Transliteration, Notes, and Glossary. By GEORGE RICKER BERRY. 31 pp., royal 8vo, paper, *net*, 50 cents; postpaid 52

Culture History in the Chanson de Geste—Aymeri de Narbonne. By WILSON DRANE CRABB. xxvi + 95 pp., 8vo, paper, $1.25; postpaid 1.31

(1) A Greek Hand Mirror in the Art Institute of Chicago, (2) A Cantharus from the Factory of Brygos in the Boston Museum of Fine Arts. By FRANK BIGELOW TARBELL. Preprint from the University of Chicago Decennial Publications, Vol. VI. 11 pp., 4to, paper, with illustrations, *net*, 25 cents; postpaid 27

The Treatment of Nature in the Works of Nikolaus Lenau. By CAMILLO VON KLENZE. Preprint from the University of Chicago Decennial Publications, Vol. VII. 83 pp., 4to, paper, *net*, 75 cents; postpaid 81

Concerning the Modern German Relatives, Das and Was, in Clauses Dependent upon Substantivized Adjectives. By STARR W. CUTTING. Preprint from the University of Chicago Decennial Publications, Vol. VII. 21 pp., 4to, paper, *net*, 25 cents; postpaid $0.28

STUDIES IN CLASSICAL PHILOLOGY:

Vol. I. 249 pp., 8vo, boards, *net*, $1.50; postpaid 1.62

1. The Anticipatory Subjunctive in Greek and Latin. By WILLIAM GARDNER HALE.
2. Vitruvius and the Greek Stage. By EDWARD CAPPS.
3. The Direction of Writing on Attic Vases. By FRANK B. TARBELL.
4. The Oscan-Umbrian Verb System. By CARL D. BUCK.
5. The Idea of Good in Plato's Republic. By PAUL SHOREY.

The Anticipatory Subjunctive in Greek and Latin. Reprinted from Vol. I. By WILLIAM GARDNER HALE. 92 pp., 8vo, paper, *net*, 50 cents; postpaid 55

The Oscan-Umbrian Verb System. Reprinted from Vol. I. By CARL D. BUCK. 64 pp., 8vo, paper, *net*, 50 cents; postpaid .54

Vol. II. 243 pp., 8vo, boards, *net*, $1.50; postpaid 1.62

1. A Lexicographical Study of the Greek Inscriptions. By HELEN M. SEARLES.
2. A History of Greek Noun-Formation. By ALFRED W. STRATTON.

A Lexicographical Study of the Greek Inscriptions. Reprinted from Vol. II. By HELEN M. SEARLES. 114 pp., royal 8vo, paper, *net*, 75 cents; postpaid 82

A History of Greek Noun-Formation. Reprinted from Vol. II. By ALFRED W. STRATTON. 129 pp., royal 8vo, paper, *net*, 75 cents; postpaid 82

Vol. III. 8vo, boards, *net*, $1.50; postpaid 1.62

1. Papyri from Karanis. By EDGAR J. GOODSPEED.
2. The Use of Repetition in Latin to Secure Emphasis, Intensity, and Distinctness of Impression. By FRANK F. ABBOTT.
3. Epideictic Literature. By THEODORE C. BURGESS.

Papyri from Karanis. By EDGAR J. GOODSPEED. Reprint from Vol. III. 66 pp., royal 8vo, paper, *net*, 75 cents; postpaid .79

The Use of Repetition in Latin to Secure Emphasis, Intensity, and Distinctness of Impression. By FRANK FROST ABBOTT. Reprint from Vol. III. 22 pp., royal 8vo, paper, *net*, 25 cents; postpaid 27

Epideictic Literature. By THEODORE C. BURGESS. Reprint from Vol. III. 175 pp., 8vo, paper, *net*, $1.00; postpaid . . . 1.07

Vol. IV. In preparation. Will be 8vo, and will be bound in boards.

1. Sanctae Silviae Peregrinatio: The Text and a Study of the Latinity. By EDWARD A. BECHTEL.

Other numbers will be announced later.

Sanctae Silviae Peregrinatio: The Text and a Study of the Latinity. By EDWARD A. BECHTEL. Preprint from Vol. IV. 160 pp., 8vo, paper, *net*, $1.00; postpaid $1.08

GERMANIC STUDIES:

I. **Der Conjunktiv bei Hartmann von Aue.** By STARR WILLARD CUTTING. 54 pp., royal 8vo, paper, with 24 inserts of charts and tables, *net*, 50 cents; postpaid 55

II. **1. Verner's Law in Gothic. 2. The Reduplicating Verbs in Germanic.** By FRANCIS ASBURY WOOD. 44 pp., royal 8vo, paper, *net*, 50 cents; postpaid 53

III. **Inedita des Heinrich Kaufringer.** By H. SCHMIDT-WARTENBERG. xvi+56 pp., royal 8vo, paper, *net*, 50 cents; postpaid .54

ENGLISH

The Life and Repentaunce of Marie Magdalene (Lewis Wager). Edited with Introduction, Notes, and Glossarial Index, by FREDERIC IVES CARPENTER. xxxii+91 pp., 8vo, *net*, $1.00; postpaid . . 1.08

On the Text of Chaucer's Parlement of Foules. By ELEANOR PRESCOTT HAMMOND. Preprint from the University of Chicago Decennial Publications, Vol. VII. 25 pp., 4to, *net*, 50 cents; postpaid . . .53

STUDIES:[1]

I. **The Assembly of Gods; or, The Accord of Reason and Sensuality in the Fear of Death.** By JOHN LYDGATE. Edited by OSCAR LOVELL TRIGGS. 192 pp., royal 8vo, paper, *net*, $1.00; postpaid 1.08

IV. **Metaphor and Simile in the Minor Elizabethan Drama.** By FREDERIC IVES CARPENTER. 217 pp., royal 8vo, paper, *net*, $1.00; postpaid 1.08

V. **The Arte or Crafte of Rhethoryke.** (LEONARD COX.) Edited, with Introduction, Notes, and Glossarial Index, by FREDERIC IVES CARPENTER. 117 pp., royal 8vo, paper, *net*, $1.00; postpaid 1.05

BOOKS OF ILLUSTRATION. By RICHARD G. MOULTON:

1. **Ancient Tragedy.** 87 pp., 12mo, paper, *net*, 35 cents; postpaid .38

2. **Ancient Comedy.** 50 pp., 12mo, paper, *net*, 25 cents; postpaid .27

POLITICAL ECONOMY

ECONOMIC STUDIES OF THE UNIVERSITY OF CHICAGO:

No. 1. **The Science of Finance.** An Authorized Translation of GUSTAV COHN'S *Finanzwissenschaft*. By T. B. VEBLEN. 800 pp., royal 8vo, cloth, *net*, $3.50; postpaid 3.73

No. 2. **A History of the Union Pacific Railway.** By HENRY KIRKE WHITE. 132 pp., royal 8vo, cloth, *net*, $1.50; postpaid . 1.60

No. 3. **The Indian Silver Currency.** By KARL ELLSTAETTER. Translated from the German by J. LAURENCE LAUGHLIN. 132 pp., royal 8vo, cloth, *net*, $1.25; postpaid 1.34

[1] Nos. II and III of this series are out of print.

No. 4. **State Aid to Railways in Missouri.** By JOHN W. MILLION, A.M. 264 pp., royal 8vo, cloth, *net*, $1.75; postpaid . . $1.90

No. 5. **A History of the Latin Monetary Union.** By HENRY PARKER WILLIS. 342 pp., royal 8vo, cloth, *net*, $2.00; postpaid . 2.16

Credit. By J. LAURENCE LAUGHLIN. Preprint from the University of Chicago Decennial Publications, Vol. IV. 28 pp., 4to, paper, *net*, 50 cents; postpaid 53

Gold and Prices since 1873. By J. LAURENCE LAUGHLIN. Reprinted from *Quarterly Journal of Economics*, April, 1887. 37 pp., 8vo, paper, with charts, appendices, and bibliography, *net*, 25 cents; postpaid 28

POLITICAL SCIENCE

Russian Political Institutions. By MAXIME KOVALEVSKY. 310 pp., 8vo, cloth, with maps, *net*, $1.50; postpaid 1.60

Municipal Administration in Germany, as Seen in the Typical Prussian City, Halle a. S. By EDMUND J. JAMES. 96 pp., royal 8vo, paper, *net*, 50 cents; postpaid 55

The Legal Nature of Corporations. By ERNST FREUND. 83 pp., royal 8vo, paper, *net*, 50 cents; postpaid 54

The Constitution of the Argentine Republic and the Constitution of the United States of Brazil. By ELIZABETH WALLACE. 95 pp., royal 8vo, paper, *net*, 50 cents; postpaid 55

THE CHARTERS OF THE CITY OF CHICAGO. Edited by EDMUND J. JAMES.

Part I. **The Early Charters, 1833–7.** 76 pp., royal 8vo, paper, *net*, 50 cents; postpaid 53

Part II. **The City Charters, 1838–51.** 111 pp., royal 8vo, paper, *net*, 50 cents; postpaid 55

Part III. In preparation.

HISTORY

A Study of the Court of Star Chamber. By CORA L. SCOFIELD. 82 pp., royal 8vo, paper, *net*, $1.00; postpaid 1.05

The Secession and Reconstruction of Tennessee. By JAMES WALTER FERTIG, A.M. 80 pp., royal 8vo, paper, *net*, $1.00; postpaid . 1.04

The Scutage and Knight Service in England. By JAMES FOSDICK BALDWIN. 119 pp., royal 8vo, paper, *net*, $1.00; postpaid 1.07

Feudal Relations between the Kings of England and Scotland under the Early Plantagenets. By CHARLES TRUMAN WYCKOFF. 159 pp., royal 8vo, *net*, $1.00; postpaid 1.07

The Legal Protection of Women among the Ancient Germans. By WILLIAM RULLKOETTER. 96 pp., royal 8vo, paper, *net*, $1.00; postpaid . 1.04

SOCIOLOGY AND ANTHROPOLOGY

Food as a Factor in Student Life. By ELLEN H. RICHARDS and MARION TALBOT. 26 pp., royal 8vo, paper, *net*, 25 cents; postpaid . . $0.27

The Sociologists' Point of View. By ALBION W. SMALL. 25 pp., royal 8vo, paper, *net*, 10 cents; postpaid 12

An Analysis of the Social Structure of a Western Town. By ARTHUR W. DUNN. 53 pp., royal 8vo, paper, with maps, *net*, 25 cents; postpaid .29

The Science of Sociology. By JAMES H. HYSLOP. (Supplementary number to the *American Journal of Sociology*, May, 1897.) 67 pp., royal 8vo, *net*, 50 cents; postpaid 53

Bibliography of Sociology. Edited by C. H. HASTINGS. Reprinted from the *American Journal of Sociology*, Vol. III, 1897–8. 75 pp., square 8vo, paper, *net*, 25 cents; postpaid 28

The Vacation-School Movement. By SADIE AMERICAN. (Bound with **The Chicago Vacation Schools for 1898**, by MR. O. J. MILLIKEN.) Reprinted from the *American Journal of Sociology*, November, 1898. 37 pp., royal 8vo, paper, with illustrations, *net*, 25 cents; postpaid .28

The Standard of Living in its Relation to Economic Theory and Land Nationalization. An Exposition in Outline of the Relation of Certain Economic Principles to Social Readjustment. By FREDERICK W. SANDERS. 64 pp., royal 8vo, paper, *net*, 50 cents; postpaid . .53

The Public Schools of Chicago. By HANNAH B. CLARK. 117 pp., royal 8vo, paper, *net*, 50 cents; postpaid 56

A Preliminary Study of the Pueblo of Taos, New Mexico. By MERTON LELAND MILLER. 48 pp., royal 8vo, paper, with illustrations, *net*, 40 cents; postpaid 43

The Ethno-Botany of the Coahuilla Indians of Southern California. By DAVID PRESCOTT BARROWS. 82 pp., royal 8vo, paper, *net*, 50 cents; postpaid 54

Culture Agencies of a Typical Manufacturing Group: South Chicago. By JOHN MORRIS GILLETTE. 68 pp., royal 8vo, paper, *net*, 50 cents; postpaid 54

Indians of Southern Mexico. An Ethnographic Album. By FREDERICK STARR. 141 plates, with 32 pages of descriptive text, oblong 4to, cloth, *net*, $18.00 (prepaid rate variable).

The Physical Characters of the Indians of Southern Mexico. By FREDERICK STARR. Preprint from the University of Chicago Decennial Publications, Vol. IV. 59 pp., 4to, with illustrations, paper, *net*, 75 cents; postpaid 81

BULLETINS. By FREDERICK STARR:

No. I. **Notes on Mexican Archæology.** 16 pp., royal 8vo, paper, with 4 plates and 12 illustrations, *net*, 25 cents; postpaid .27

No. II. **The Little Pottery Objects of Lake Chapala, Mexico.** 27 pp., royal 8vo, paper, with 43 illustrations, *net*, 35 cents; postpaid 37

No. III. **The Mapa de Cuauhtlantzinco or Codice Campos.** 38 pp., royal 8vo, paper, with illustrations, *net*, 50 cents; postpaid $0.54

No. IV. **Recent Mexican Study of the Native Languages of Mexico.** 19 pp., royal 8vo, paper, with illustrations, *net*, 25 cents; postpaid 27

RELIGION AND THEOLOGY

***Constructive Studies in the Life of Christ.** Prepared for Use in Advanced Bible Classes. By ERNEST D. BURTON and SHAILER MATHEWS. (Third edition.) 302 pp., 8vo, cloth, postpaid . . 1.00

***Constructive Studies in the Priestly Element in the Old Testament.** By WILLIAM R. HARPER. 162 pp., 8vo, cloth, postpaid . . . 1.00

Books for New Testament Study. Prepared by CLYDE WEBER VOTAW and CHARLES F. BRADLEY. Recommended by the Council of Seventy. 80 pp., royal 8vo, paper, *net*, 50 cents; postpaid . . .54

Solomon's Temple in the Light of Other Oriental Temples. By EMANUEL SCHMIDT. 71 pp., royal 8vo, cloth, with illustrations, *net*, $1.00; postpaid 1.06

The Present Status of the Inquiry Concerning the Genuineness of the Pauline Epistles. By BERNHARD WEISS. 78 pp., royal 8vo, paper, *net*, 25 cents; postpaid 29

The Primitive Era of Christianity as Recorded in the Acts of the Apostles, 30–63 A. D. A Series of Inductive Studies in the English Bible. By CLYDE W. VOTAW. 122 pp., 8vo, paper, *net*, 25 cents; postpaid 30

The Idea of God in Relation to Theology. By ELIPHALET ALLISON READ. 1900. 68 pp., royal 8vo, paper, *net*, 75 cents; postpaid .78

The Šamaš Religious Texts. By CLIFTON DAGGETT GRAY. 24 pp., with 20 plates, royal 8vo, paper, *net*, $1.00; postpaid 1.04

The Utterances of Amos Arranged Strophically. By WILLIAM R. HARPER. 20 pp., royal 8vo, paper, *net*, 15 cents; postpaid 17

Theological and Semitic Literature. By WILLIAM MUSS-ARNOLT.

For the year 1900, 108 pp., royal 8vo, paper, *net*, 50 cents; postpaid .55

For the year 1901, 112 pp., royal 8vo, paper, *net*, 50 cents; postpaid .55

DIVINITY STUDIES:

I. **The Contest for Liberty of Conscience in England.** By WALLACE ST. JOHN. 155 pp., royal 8vo; paper, *net*, 50 cents; postpaid .57
cloth, *net*, 75 cents; postpaid .84

II. **The Day of Yahweh.** By JOHN M. P. SMITH. 32 pp., royal 8vo, paper, *net*, 25 cents; postpaid 27

HISTORICAL AND LINGUISTIC STUDIES (First Series):

Vol. I, Part I. **The Book of Thekla.** By EDGAR J. GOODSPEED. 36 pp., royal 8vo, paper, *net*, 25 cents; postpaid .27

Vol. II, Part I. **The Newberry Gospels.** By EDGAR J. GOODSPEED. 30 pp., royal 8vo, paper, *net*, 25 cents; postpaid .27

SCIENCE

Methods in Plant Histology. By CHARLES J. CHAMBERLAIN. 159 pp., 8vo, cloth, with illustrations, *net*, $1.50; postpaid $1.59

Neurological Technique. By IRVING HARDESTY. 183 pp., 8vo, cloth, *net*, $1.75; postpaid 1.85

A Laboratory Outline of General Chemistry. By ALEXANDER SMITH. 90 pp., 12mo, cloth, with illustrations, *net*, 75 cents; postpaid. . .80

On the Production and Suppression of Muscular Twitchings and Hypersensitiveness of the Skin by Electrolytes. By JACQUES LOEB. Preprint from the University of Chicago Decennial Publications, Vol. X. 13 pp., 4to, paper, *net*, 25 cents; postpaid 27

The Velocity of Light. By ALBERT A. MICHELSON. Preprint from the University of Chicago Decennial Publications, Vol. IX. 12 pp., 4to, paper, with illustrations, *net*, 25 cents; postpaid 27

(1) Concerning the Geodesic Curvature and the Isoperimetric Problem on a Given Surface. (2) Proof of the Sufficiency of Jacobi's Condition for a Permanent Sign of the Second Variation in the So-called Isoperimetric Problems. By OSKAR BOLZA. Preprint from the University of Chicago Decennial Publications, Vol. IX. 17 pp., 4to, paper, *net*, 25 cents; postpaid 27

On a Formula for Determining the Weight of the Central Nervous System of the Frog from the Weight and Length of Its Entire Body. By HENRY H. DONALDSON. Preprint from the University of Chicago Decennial Publications, Vol. X. 15 pp., 4to, with plate, paper, *net*, 25 cents; postpaid 28

An Attempt to Frame a Working Hypothesis of the Cause of Glacial Periods on an Atmospheric Basis. By THOMAS C. CHAMBERLIN. Reprinted from the *Journal of Geology*, Vol. VII, Nos. 6, 7, and 8, 1899. 96 pp., royal 8vo, paper, with charts, *net*, 25 cents; postpaid 29

Proposed Genetic Classification of Pleistocene Glacial Formations. By THOMAS C. CHAMBERLIN. Reprinted from the *Journal of Geology*, Vol. II, No. 5, July and August, 1894. 22 pp., royal 8vo, paper, *net*, 10 cents; postpaid 12

The New Star in Perseus. By GEORGE E. HALE. Bulletin No. 16, the Yerkes Observatory of the University of Chicago. Royal 8vo, paper, *net*, 10 cents; postpaid 12

PUBLICATIONS OF THE YERKES OBSERVATORY:

Vol. I. **General Catalogue of Double Stars.** By SHERBURNE W. BURNHAM. 296 pp., 4to, cloth, with illustrations, *net*, $4.00 (prepaid rate variable).

PHYSIOLOGICAL ARCHIVES.[1] Hull Physiological Laboratory. Edited by JACQUES LOEB:

I. Publications of the year 1895. 134 pp., 8vo, paper, with illustrations, *net*, $1.00; postpaid 1.05

[1] Vols. II and III are out of print.

CONTRIBUTIONS FROM WALKER MUSEUM:

Vol. I, No. 1. **The Vertebrates from the Permian Bone Bed of Vermilion County, Illinois.** By ERMINE C. CASE. 29 pp., royal 8vo, paper, with plates, *net*, 50 cents; postpaid $0.53

No. 2. **Prodromites, A New Ammonite Genus from the Lower Carboniferous.** By JAMES PERRIN SMITH and STUART WELLER. 9 pp., royal 8vo, paper, with plates, *net*, 25 cents; postpaid 27

No. 3. **Palæontological Notes.** By E. C. CASE. 8 pp., royal 8vo, paper, with plates, *net*, 25 cents; postpaid 27

CONTRIBUTIONS FROM THE HULL BOTANICAL LABORATORY.[1]

XIII. **The Ecological Relations of the Vegetation on the Sand Dunes of Lake Michigan.** By HENRY CHANDLER COWLES. 118 pp., paper, with illustrations, *net*, 75 cents; postpaid 81

XXI. **Double Fertilization in Compositae.** By W. J. G. LAND. *Net*, 15 cents; postpaid 17

XXII. **On the Nature of the Stimulus Which Causes the Change in Form in Polymorphic Green Algae.** By BURTON E. LIVINGSTON. *Net*, 25 cents; postpaid 28

XXIII. **The Achromatic Spindle in the Spore Mother-Cells of Osmunda regalis.** By ROY WILSON SMITH. *Net*, 25 cents; postpaid .27

XXV. **Nuclear Studies on Pellia.** By BRADLEY MOORE DAVIS. *Net*, 25 cents; postpaid 27

XXVI. **The Tuber-Like Rootlets of Cycas revoluta.** By ANDREW C. LIFE. *Net*, 25 cents; postpaid 27

XXVII. **The Genetic Development of the Forests of Northern Michigan; A Study in Physiographic Ecology.** By HARRY NICHOLS WHITFORD. *Net*, 25 cents; postpaid 28

XXVIII. **Ovule and Embryo of Potamogeton natans.** By GEORGE M. HOLFERTY. *Net*, 25 cents; postpaid 27

XXIX. **Gametogenesis and Fertilization in Albugo.** By FRANK LINCOLN STEVENS. *Net*, 25 cents; postpaid 29

XXX. **The Ecological Relations of the Vegetation of Western Texas.** By WILLIAM L. BRAY. *Net*, 25 cents; postpaid 30

XXXI. **A Study of the Sporangia and Gametophytes of Selaginella apus and Selaginella rupestris.** By FLORENCE MAY LYON. *Net*, 25 cents; postpaid 29

XXXII. **Development of the Pollen in Some Asclepiadaceæ.** By T. C. FRYE. *Net*, 25 cents; postpaid 27

XXXV. **Parthenogenesis in Thalictrum Purpurascens.** By JAMES BERTRAM OVERTON. *Net*, 25 cents; postpaid 27

[1] Numbers of this series not announced are out of print. The books vary in size from 16 to 118 pages, and all are royal 8vo. Other numbers are in preparation.

XXXVI. **A Morphological Study of the Flower and Embryo of Spiræa.** By JONATHAN E. WEBB. *Net*, 25 cents; postpaid . . . $0.27

XXXVII. **On the Nature of the Stimulus Causing the Change of Form and Structure in Proserpinaca Palustris.** By WILLIAM BURNETT MCCALLUM. *Net*, 25 cents; postpaid 27

ALEMBIC CLUB BOOKS:[1]

Lectures on the History of the Development of Chemistry Since the Time of Lavoisier. By DR. A. LADENBURG, Professor of Chemistry in the University of Breslau. Translated from the second German edition by LEONARD DOBBIN. 373 pp., crown 8vo., cloth, *net*, $1.75; postpaid 1.89

ALEMBIC CLUB REPRINTS:[1]

No. 1. **Experiments upon Magnesia Alba, Quick-Lime, and Some Other Alkaline Substances.** By JOSEPH BLACK, 1775. 48 pp., crown 8vo, cloth, *net*, 40 cents; postpaid 44

No. 2. **Foundations of the Atomic Theory**: Comprising Papers and Extracts by JOHN DALTON, WILLIAM HYDE WOLLASTON, and THOMAS THOMSON, 1802–8. 48 pp., crown, 8vo, cloth, *net*, 40 cents; postpaid 44

No. 3. **Experiments on Air.** Papers published in the *Philosophical Transactions*. By HENRY CAVENDISH, 1784–85. 52 pp., crown 8vo, cloth, *net*, 40 cents; postpaid 44

No. 4. **Foundations of the Molecular Theory**: Comprising Papers and Extracts by JOHN DALTON, JOSEPH LOUIS GAY-LUSSAC, and AMEDEO AVOGADRO, 1808–11. 52 pp., crown 8vo, cloth, *net*, 40 cents; postpaid 44

No. 5. **Extracts from Micrographia.** By R. HOOKE, 1665. 52 pp., crown 8vo, cloth, *net*, 40 cents; postpaid 44

No. 6. **The Decomposition of the Alkalies and Alkaline Earths.** Papers published in the *Philosophical Transactions*. By HUMPHRY DAVY, 1807–8. 52 pp., crown 8vo, cloth, *net*, 40 cents; postpaid 44

No. 7. **The Discovery of Oxygen.** Part I: Experiments by JOSEPH PRIESTLEY, 1775. 56 pp., crown 8vo, cloth, *net*, 40 cents; postpaid 44

No. 8. **The Discovery of Oxygen.** Part II: Experiments by CARL WILHELM SCHEELE, 1777. 46 pp., crown 8vo, *net*, 40 cents; postpaid 44

No. 9. **The Elementary Nature of Chlorine.** Papers published in the *Philosophical Transactions*. By HUMPHRY DAVY, 1810–18. 80 pp., crown 8vo, *net*, 50 cents; postpaid . .56

No. 10. **Researches on the Arseniates, Phosphates, and Modifications of Phosphoric Acid.** By THOMAS GRAHAM, 1833. 46 pp., crown 8vo, cloth, *net*, 40 cents; postpaid 44

[1] Arrangements have been made whereby the sale of the Alembic Club publications in the United States has been placed with the University of Chicago Press.

No. 11. **Essays of Jean Rey, Doctor of Medicine, On an Enquiry into the Cause Wherefore Tin and Lead Increase in Weight on Calcination.** 1630. 54 pp., crown 8vo, cloth, *net*, 40 cents; postpaid $0.44

No. 12. **The Liquefaction of Gases.** Papers by MICHAEL FARADAY, 1823–45. With an Appendix. 80 pp., crown 8vo, cloth, *net*, 50 cents; postpaid 56

No. 13. **The Early History of Chlorine.** Papers by CARL WILHELM SCHEELE, 1774; C. L. BERTHOLLET, 1785; GUYTON DE MORVEAU, 1787; JOSEPH LOUIS GAY-LUSSAC, and L. J. THENARD, 1809. 50 pp., crown 8vo, cloth, *net*, 40 cents; postpaid 44

No. 14. **Researches on the Molecular Asymmetry of Natural Organic Products.** Lectures by LOUIS PASTEUR, 1860. 46 pp., crown 8vo, cloth, *net*, 40 cents; postpaid 44

No. 15. **The Electrolysis of Organic Compounds.** Papers by HERMAN KOLBE, 1845–68. 16 pp., crown 8vo, cloth, *net*, 40 cents; postpaid 44

No. 16. **Papers on Etherfication and Other Subjects.** By ALEXANDER W. WILLIAMSON. Crown 8vo. (In preparation.)

MISCELLANEOUS

The Ballad of Manila Bay, and Other Verses. By HORACE SPENCER FISKE. 181 pp., small 12mo, cloth, gilt top, *net*, $1.25; postpaid 1.31

†UNIVERSITY EXTENSION SYLLABI,[1] TRACTS, AND CIRCULARS

SYLLABI

Pages vary from 4 to 72, 16mo.

No.	Author	Subject	Pages	Price
1	BUTLER:	English Literature	20	$0.10
2	LAWRENCE:	English Parties and American Independence	10	.10
3	BEMIS:	Money	16	.10
4	MOULTON:	The Story of Faust	14	.10
5	BEMIS:	The Labor Question	20	.15
6	KAISER:	American History	12	.10
7	MOULTON:	Shakespeare's Tempest	30	.15
8	MOULTON:	The Literary Study of the Bible, Part I	24	.15
		The Literary Study of the Bible, Part II	30	.15
		The Literary Study of the Bible, Part III	21	.15
9	SHEPARDSON:	Christopher Columbus and the Discovery of America	18	.10
10	MOULTON:	Stories as a Mode of Thinking	12	.10
11	LAWRENCE:	Some Great English Rulers and Statesmen	24	.15
12	KAISER:	American History	12	.10
13	JUDSON:	American Politics: The Period of Dominant Foreign Influence	10	.10
15	BEMIS:	Some Methods of Social Reform	18	.10
16	BENSLY:	Four English Novelists	32	.15
18	BENSLY:	English Poets of the Victorian Era	30	.15
19	GROSE:	The Development of the European Nations	14	.10
20	MACE:	The American Revolution	72	.20
21	PRICE:	What the Monuments Tell Us Relative ot the Old Testament	16	.10
23	GROSE:	Character Studies in Modern History	12	.10
24	TAFT:	Art at the Columbian Exposition	24	.15
25	STARR:	The Native Races of North America	12	.10
26	HIRSCH:	Religion in the Talmud	12	.10
27	BENSLY:	English Essayists from Bacon to Lamb	18	.15
29	MOULTON:	Interpretative Studies in Spenser and Milton	30	.15
30	MOULTON:	Literary Criticism and Theory of Interpretation	8	.15
31	HENDERSON:	A Problem in Sociology	8	.10

†Special discounts offered to University Extension Centers, and to the trade when ordered in quantity.

[1]Numbers not announced are out of print.

No.	Author	Subject	Pages	Price
32	JUDSON:	American Politics: The Period of Dominant Internal Development	8	$0.10
33	FRENCH:	Painting and Sculpture	14	.10
34	GORDY:	History of Political Parties in the United States	12	.10
35	RUSSELL:	General Course in Bacteriology	16	.10
36	ZUEBLIN:	The Industrial Revolution	12	.10
37	STRATTON:	Heat	15	.10
38	BUTLER:	Some Studies in American Literature	17	.10
39	MOULTON:	Ancient Tragedy for English Audiences	36	.15
40	ZUEBLIN:	A Century of Social Reform	20	.20
41	HUNTER:	Roman, Barbarian, and Christian	14	.10
42	MORSE:	Elements of Chemistry	16	.20
43	TAFT:	Ancient Sculpture	15	.10
44	TAFT:	Contemporary French Art	32	.10
45	SMALL:	Sociology	19	.10
46	SEE:	Astronomy	12	.10
47	SHEPARDSON:	Social Life in American Colonies — Part I	23	.15
		Social Life in American Colonies — Part II	19	.15
		Social Life in American Colonies — Double	38	.25
48	KENT:	Hebrew Prophecy	18	.10
49	WISHART:	Monks and Monasteries	16	.10
50	TERRY:	Baron and King	26	.15
51	BEMIS:	Monopoly and Taxation	24	.15
52	HARPER:	Stories of Genesis	52	.25
54	STARR:	Early Man in Europe	14	.10
55	JONES:	Prophets of Modern Literature	15	.10
56	TERRY:	An Introduction to the Study of History	16	.15
57	SHEPARDSON:	American Statesmen and Great Historic Movements	15	.10
58	WEBSTER:	Making and Makers of Our Republic — Part I	15	.10
		Making and Makers of Our Republic — Part II	18	.10
59	RAYMOND:	Social Aspects of the Labor Movement	14	.10
60	BEMIS:	Questions of Labor and Social Reform — Part I	25	.15
		Questions of Labor and Social Reform — Part II	29	.15
61	KENT:	Outlines of Hebrew History	24	.15
62	MOULTON:	Studies in Shakespeare's Tragedies	23	.15
63	TAFT:	Painting and Sculpture of Our Time	42	.25
64	THATCHER:	Mohammed, Mohammedanism, and the Crusades, Part II	12	.10
65	CLARK:	Poetry as a Fine Art	53	.25
66	ZUEBLIN:	Social Reform in Fiction	15	.10
68	DAHL:	Social Studies in Björnson and Ibsen	14	.10
69	CHAPIN:	General Survey of American Literature	16	.10
70	DONALDSON:	The Growth of the Brain	8	.10
71	GOULD:	Live Problems in Municipal Sociology	16	.10
72	THOMPSON:	The Making of England	16	.10
73	HOWERTH:	An Introduction to Sociology	17	.10
74	FISKE:	Thought and Imagination in Shakespeare	16	.10
75	BREASTED:	The History and Civilization of Egypt	16	.10

No.	Author	Subject	Pages	Price
76	HARPER:	History of Old Testament Prophecy, in nine parts, each[1].	—	$0.05
77	PARKER:	The Science and Art of Teaching . . .	44	.25
78	SPARKS:	The Men Who Made the Nation { Part I	12	.10
		{ Part II	8	.10
79	DEWEY:	Educational Ethics	12	.10
80	SPARKS:	Character Studies in American Development	16	.10
81	MOORE:	General Literature	12	.10
82	COLE:	Plain Talks on the Bacteria	15	.10
83	WILLETT:	The Beginnings of Christianity	16	.10
84	ZUEBLIN:	The Elements of Sociology	16	.10
85	SCHREIBER:	The History of Art	16	.10
86	HENDERSON:	Our Town	15	.10
87	DEWEY:	Educational Psychology	24	.15
88	MOORE:	Novels of George Eliot	13	.10
89	ALLEN:	Our Food	29	.20
90	TUFTS:	Movements of Thought in the Nineteenth Century	17	.10
91	LEWIS:	Types of American Fiction	18	.20
92	FISKE:	English Romantic Poetry	22	.10
93	HENDERSON:	Charity and Correction	15	.10
94	ROLFE:	Certain Poets and Prose Writers of New England	16	.10
95	FELLOWS:	Nation-Making in Nineteenth Century .	15	.10
96	MCMURRY:	Special Pedagogy	13	.10
97	ROLFE:	Representative English Authors of Nineteenth Century	32	.20
98	SPARKS:	American History in American Literature	10	.10
99	COULTER:	Plants in Their Environment { Part I .	12	.10
		{ Part II .	12	.10
100	WILLIAMS:	Music	10	.10
102	JUDSON:	American Politics:		
		Part I, Period of Dom. Foreign Influence	20	.10
		Part II, Period of Dom. Int. Development	16	.10
103	REID:	Physiography	16	.10
104	MCMURRY:	General Pedagogy	16	.10
105	FORREST:	The Church and Social Problems . . .	16	.10
106	COULTER:	Evolution	14	.10
107	GOODYEAR:	Rome	15	.10
108	ZUEBLIN:	British Municipal Life	20	.10
109	SHOREY:	Greece in the Age of Pericles	10	.10
110	ZUEBLIN:	Social Ethics	16	.10
111	WILLETT:	History of Prophecy	26	.10
112	JUDSON:	Some Topics of the Larger Politics . .	12	.10
113	JONES:	Art in the Poetry of Browning	14	.10
114	REYNOLDS:	Earlier English Romantic Poets . . .	12	.10
115	SCHWILL:	History of Florentine Painting	4	.05
116	VON KLENZE:	Evolution of the Nature-Sense in Literature and Art	8	.10

[1] Part III out of print.

No.	Author	Subject	Pages	Price
117	VINCENT:	Public Opinion	18	$0.10
118	TROOP:	Great Novelists of the Nineteenth Century	24	.15
119	TROOP:	Great Essayists of the Nineteenth Century	24	.15
120	BREASTED:	Egyptian Art	24	.15
121	MACCLINTOCK:	Masterpieces of English Literature	54	.20
122	BROOKS:	Ideals of Social Improvement	10	.10
123	MOULTON:	Masterpieces of Biblical Literature	10	.10
124	MACCLINTOCK:	Shakespeare's Greater Plays	16	.10
125	KRIEHN:	European Art and Civilization	18	.10
126	MILLER:	North American Indians	14	.10
127	MATHEWS:	History of New Testament Times in Palestine	12	.10
128	ZUEBLIN:	Elements and Structure of Society { Part I	16	.10
		{ Part II	15	.10
129	WILLETT:	Studies in the Life of Christ	15	.10
130	FELLOWS:	Close of the Century	12	.10
131	BROOKS:	Social and Industrial Unrest	8	.10
132	TRIGGS:	An Introduction to the Study of Painting	12	.10
133	ZUEBLIN:	Art and Life	16	.10
134	HOWERTH:	Aspects of the Social Problem	8	.10
135	MACCLINTOCK:	English Popular Poetry	11	.10
136	ZUEBLIN:	Work and Wealth	16	.10
137	MOULTON:	Reading as a Means of Biblical Interpretation	15	.10
138	ZUEBLIN:	American Municipal Progress	16	.10
139	SPARKS:	The Old Northwest Territory	8	.10
140	CATTERALL:	The French Revolution	16	.10
141	ZUEBLIN:	Work and Wealth	16	.10
142	INGERSOLL:	Phases of Animal Life and Intelligence	10	.10
143	IRELAND:	The Control and Development of Tropical Colonies	12	.10
144	BAILEY:	The Development of Character	20	.10
144*A*	BAILEY:	Levels of Character in Shakespeare	24	.10
144*B*	BAILEY:	Social Character and its Evolution	24	.10
145	SOARES:	Literary Studies in Old Testament Masterpieces	12	.10
146	HOWERTH:	The Social Question	13	.10
147	HARPER:	The Place of Prophecy in the Old Testament	43	.15
148	HOWLAND:	Italian Literature	8	.10
149	RAYMOND:	European Capitals and Their Social Significance { Part I	20	.10
		{ Part II	28	.10
150	RAYMOND:	A Group of Social Philosophers	18	.10
151	TROOP:	American Literature: The Renaissance of New England	23	.10
152	HOWERTH:	Social Evils and Proposed Remedies	15	.10
153	COULTER:	Organic Evolution as Illustrated by Plants	20	.10
154	SALISBURY:	An Outline History of the Earth	12	.10
155	SMALL:	Problems of Democracy	20	.10
156	HOWERTH:	Modern Social Problems	31	.15
157	SHEPARDSON:	The United States in the Nineteenth Century	14	.10

READING LISTS

			Pages	Price
1	GUTHRIE:	Shakespeare's Tragic Masterpieces with Companion Studies	12	$0.10
2	HART:	The Monroe Doctrine and Its Historical Application	7	.10
3	GUTHRIE:	Literature as a Factor in Social Evolution .	7	.10

TRACTS

1	Students' Clubs.	Copies of these tracts may be had at 5 cents each, or
2	The Local Secretary.	
3	Some Explanations and Suggestions on Local Organization.	per 25 . . . . . .75 per 100 . . . . . 1.00

CIRCULARS

A.	Suggestions to University Extension Lecturers.	Each 25
B.	University Extension—What Educators Think of It.	In quant's of 10
C.	Suggestions and Instructions to Local Committees.	or more, each .10

PERIODICALS

The Biblical World

Edited by WILLIAM R. HARPER, President of the University of Chicago. A popular illustrated monthly magazine devoted to systematic Bible study. Subscription price, $2.00 a year in the United States; foreign, 2.50; single copies, 20 cents.

The *Biblical World* (new series) was established in 1893. Six numbers constitute a volume. Complete sets can be furnished, with the following exceptions: Vol. II, Nos. 4 and 5; Vol. III, No. 2.

The *Biblical World* (new series) was preceded by the following publications: the *Hebrew Student*, Vols. I and II, 1881–83; the *Old Testament Student*, Vols. III–VIII, 1883–88; the *Old and New Testament Student*, Vols. IX–XV, 1889–92.

Sets of the *Hebrew Student* can be furnished, with the following exceptions: Vol. I, entire; Vol. II, No. 1.

Sets of the *Old Testament Student* can be furnished, with the following exceptions: Vol. IV, No. 7; Vol. V, No. 7; Vol. VI, No. 2.

Sets of the *Old and New Testament Student* can be furnished, with the following exceptions: Vol. X, No. 6; Vol. XI, No. 1.

The School Review

Edited by the UNIVERSITY OF CHICAGO SCHOOL OF EDUCATION, JOHN DEWEY, Director; GEORGE H. LOCKE, Managing Editor. A journal of secondary education. Published monthly, except in July and August. Subscription price, $1.50 a year in the United States; foreign, $2.00; single copies, 20 cents.

The *School Review* was established in 1893. Ten numbers constitute a volume. Complete sets can be furnished, with the following exceptions: Vol. I, Nos. 2, 3, 4, 5, 7, 8, 9, and 10; Vol. II, No. 1; Vol. III, No. 5; Vol. IV, Nos. 8 and 9; Vol. V, Nos. 1, 2, 3, 8, and 9.

The Elementary School Teacher

Edited by the UNIVERSITY OF CHICAGO SCHOOL OF EDUCATION, JOHN DEWEY, Director; ELLA F. YOUNG, Managing Editor. Published monthly, except in August and September. A journal of elementary education. Subscription price, $1.50 in the United States; foreign, $2.00; single copies, 20 cents.

The *Elementary School Teacher* was established in July, 1900, under the title the *Course of Study*, and was continued during the second volume as the *Elementary School Teacher and Course of Study*. Complete sets of the first two volumes can be furnished, with the exception of Vol. II, No. 2.

The Botanical Gazette

Edited by JOHN M. COULTER, Professor and Head of the Department of Botany in the University of Chicago, and CHARLES R. BARNES, Professor of Plant Physiology in the University of Chicago. Published monthly, with illustrations. Subscription price, $4.00 a year in the United States; foreign, $4.50; single copies, 40 cents.

The *Botanical Gazette* was established in 1875, twelve numbers constituting a volume up to 1896, after which six numbers constitute a volume. Complete sets of all volumes published can be furnished, with the following exceptions: Vol. I, No. 1; Vol. II, Nos. 1, 4, 5, 9, 10, 11, and 12; Vol. III, Nos. 1 and 10; Vol. IV, Nos. 1, 2, 3, 7, 11, and 12; Vol. V, entire; Vol. VI, entire; Vol. VII, entire; Vol. VIII, Nos. 1, 5, 10, and 11; Vol. IX, Nos. 1, 2, 3, 5, 6, 7, 8, 9, 10, and 11; Vol. X, Nos. 1, 2, 3, 4, 5, 7, 8, 10, 11, and 12; Vol. XI, Nos. 1, 2, 3, and 4; Vol. XII, No. 1; Vol. XXII, Nos. 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12; Vol. XXIII, Nos. 1, 3, 4, and 6; Vol. XXIV, No. 6.

The Astrophysical Journal

Edited by GEORGE E. HALE, Director of the Yerkes Observatory of the University of Chicago, and EDWIN B. FROST, Professor of Astronomy in the University of Chicago, with the co-operation of the leading astrophysicists of the United States and Europe. Published monthly, except in February and August. Subscription price, $4.00 a year in the United States; foreign, $4.50; single copies, 50 cents.

The *Astrophysical Journal* was established in 1895. Five numbers constitute a volume. Complete sets of all volumes published can be furnished, with the following exceptions: Vol. I, Nos. 2, 3, 4, and 5; Vol. VI, No. 3; Vol. XIV, No. 4.

The Journal of Geology

Edited by THOMAS C. CHAMBERLIN, Professor and Head of the Department of Geology in the University of Chicago. Published semi-quarterly, with illustrations. Subscription price, $3.00 a year in the United States; foreign, $3.50; single copies, 50 cents.

The *Journal of Geology* was established in 1893. Eight numbers constitute a volume. Complete sets of all volumes published can be furnished.

The American Journal of Sociology

Edited by ALBION W. SMALL, Professor and Head of the Department of Sociology in the University of Chicago. Published bimonthly, with illustrations. Subscription price, $2.00 a year in the United States; foreign, $2.50; single copies, 35 cents.

The *American Journal of Sociology* was established in 1895. Six numbers constitute a volume. Complete sets can be furnished of all back volumes.

The Journal of Political Economy

Edited by J. LAURENCE LAUGHLIN, Professor and Head of the Department of Political Economy in the University of Chicago. Managing Editor, THORSTEIN B. VEBLEN. Published quarterly. Subscription price, $3.00 a year in the United States; foreign, $3.40; single copies, 75 copies.

The *Journal of Political Economy* was established in 1892. Four numbers constitute a volume. Complete sets can be furnished of all volumes, with the exception of Vol. IV, No. 4, and Vol. V, No. 2.

The American Journal of Theology

Edited by the Divinity Faculty of the University of Chicago. Published quarterly. Subscription price, $3.00 a year in the United States; foreign, $3.45; single copies, 75 cents.

The *American Journal of Theology* was established in 1897. Four numbers constitute a volume. Complete sets can be furnished of all back volumes.

The American Journal of Semitic Languages and Literatures

(Continuing "Hebraica")

Edited by WILLIAM R. HARPER, President of the University of Chicago. Published quarterly. Subscription price, $3.00 a year in the United States; foreign, $3.20; single copies, 75 cents.

The *American Journal of Semitic Languages and Literatures* was preceded by *Hebraica*, which was established in 1884, four numbers constituting a volume. Complete sets of *Hebraica* from 1884 to 1895, inclusive, can be furnished, with the following exceptions: Vol. I, No. 1; Vol. V, Nos. 1, 2, and 3; Vol. VI, No. 2.

The *American Journal of Semitic Languages and Literatures* was established in 1895. Four numbers constitute a volume. Complete sets can be furnished of all back volumes.

Manual Training Magazine

Edited by CHARLES A. BENNETT, Head of the Department of Manual Arts of Bradley Polytechnic Institute, Peoria, Illinois. Published quarterly. Subscription price, $1.00 a year in the United States; foreign, $1.25; single copies, 30 cents.

The *Manual Training Magazine* was established in October, 1899, Four numbers constitute a volume. Complete sets can be furnished of all volumes published, with the exception of Vol. I, Nos. 3 and 4.

INDEX

BY AUTHORS

		PAGE
ABBOTT, FRANK FROST:	The Use of Repetition in Latin, etc.	12
AMERICAN, SADIE:	The Vacation-School Movement	15
ANGELL, JAMES R.:	Studies from the Psychological Laboratory	6
ARNOLT, W. MUSS-:	Theological and Semitic Literature, for the Year 1900	16
	For the Year 1901	16
BALDWIN, JAMES F.:	The Scutage and Knight Service in England	14
BARROWS, DAVID PRESCOTT:	The Ethno-Botany of the Coahuilla Indians of Southern California	15
BATT, MAX:	The Treatment of Nature in German Literature from Günther to the Appearance of Goethe's Werther	11
BECHTEL, EDWARD A.:	Sanctae Silviae Peregrinatio: The Text and a Study of the Latinity	13
BERRY, GEORGE R.:	The Letters of the $R^{m}2$ Collection in the British Museum	11
BOLZA, OSKAR:	(1) Concerning the Geodesic Curvature and the Isoperimetric Problem on a Given Surface. (2) Proof of the Sufficiency of Jacobi's Condition for a Permanent Sign of the Second Variation in the So-called Isoperimetric Problems	17
BRADLEY, CHARLES F.:	Books for New Testament Study	16
BRAY, WILLIAM L.:	The Ecological Relations of the Vegetation of Western Texas	18
BUCK, CARL D.:	The Oscan-Umbrian Verb System	12
BURGESS, THEODORE C.:	Epideictic Literature	12
BURNHAM, SHERBURNE W.:	General Catalogue of Double Stars	17
BURTON, ERNEST D.:	Syntax of the Moods and Tenses in New Testament Greek	11
	Constructive Studies in the Life of Christ	16
CAPPS, EDWARD:	Vitruvius and the Greek Stage	12
CARPENTER, FREDERIC I.:	Cox, The Arte or Crafte of Rhethoryke (edited)	13
	Metaphor and Simile in the Minor Elizabethan Drama	13
	Wager, The Life and Repentaunce of Marie Magdalene (edited)	13
CASE, ERMINE C.:	The Vertebrates from the Permian Bone-Bed of Vermilion County, Illinois	18
	Palæontological Notes	18
CHAMBERLAIN, CHARLES J.:	Methods in Plant Histology	17
CHAMBERLIN, THOMAS C.:	An Attempt to Frame a Working Hypothesis of the Cause of Glacial Periods on an Atmospheric Basis	17
	Proposed Genetic Classification of Pleistocene Glacial Formations	17
CLARK, HANNAH B.:	The Public Schools of Chicago	15
COHN, GUSTAV:	The Science of Finance (see Veblen)	13
COWLES, HENRY C.:	The Ecological Relations of the Vegetation on the Sand Dunes of Lake Michigan	18
COX, LEONARD:	The Arte or Crafte of Rhethoryke (see Carpenter)	13
CRABB, WILSON D.:	Culture History in the Chanson de Geste — Aymeri de Narbonne	11
CUTTING, STARR W.:	Der Conjunktiv bei Hartmann von Aue	13
	Concerning the Modern German Relatives, "Das" and "Was"	12
DAVIS, BRADLEY M.:	Nuclear Studies on Pellia	18
DAVIS, W. M.:	The Progress of Geography in the Schools	9
DEWEY, JOHN:	The Significance of the Problem of Knowledge	6

		PAGE
DEWEY, JOHN:	The School and Society	5
	The Elementary School Record	6
	Psychology and Social Practice	5
	The Educational Situation	5
	The Child and the Curriculum	5
	Interest as Related to Will	7
DONALDSON, HENRY H.:	On a Formula for Determining the Weight of the Central Nervous System of the Frog from the Weight and Length of Its Entire Body	17
DUNN, ARTHUR W.:	An Analysis of the Social Structure of a Western Town	15
ELLSTAETTER, KARL:	The Indian Silver Currency (see Laughlin)	13
FERTIG, JAMES W.:	The Secession and Reconstruction of Tennessee	14
FISKE, HORACE S.:	The Ballad of Manila Bay, and Other Verses	20
FITZ-HUGH, THOMAS:	The Philosophy of the Humanities	5
FOWLER, FRANK H.:	The Negatives of the Indo-European Languages	11
FREUND, ERNST:	The Legal Nature of Corporations	14
FRYE, T. C.:	Development of the Pollen in Some Asclepiadaceæ	18
GILLETTE, JOHN M.:	Culture Agencies of a Typical Manufacturing Group: South Chicago	15
GOODSPEED, EDGAR J.:	Papyri from Karanis	12
	The Book of Thekla	16
	The Newberry Gospels	16
GORE, WILLARD C.:	Imagination in Spinoza and Hume	6
GRAY, CLIFTON D.:	The Šamaš Religious Texts	16
HALE, GEORGE E.:	The New Star in Perseus	17
HALE, WILLIAM G.:	The Anticipatory Subjunctive in Greek and Latin	12
HAMMOND, ELEANOR P.:	On the Text of Chaucer's Parlement of Foules	13
HARDESTY, IRVING:	Neurological Technique	17
HARPER, ROBERT F.:	Assyrian and Babylonian Letters, etc.	11
HARPER, WILLIAM R.:	The Prospects of the Small College	5
	Report of the Educational Commission of the City of Chicago	5
	The Utterances of Amos Arranged Strophically	16
	Constructive Studies in the Priestly Element in the Old Testament.	16
HASTINGS, C. H.:	Bibliography of Sociology	15
HEIDEL, WILLIAM A.:	The Necessary and the Contingent in the Aristotelian System	6
HERRICK, CHEESMAN A.:	Commercial Education	8
HOLFERTY, GEORGE M.:	Ovule and Embryo of Potamogeton natans	18
HYSLOP, JAMES M.:	The Science of Sociology.	15
INGRES, MAXIME:	Cours Complet de Langue Française	11
JAMES, EDMUND J.:	The Education of Business-Men	5
	The Charters of the City of Chicago (two parts)	14
	Municipal Administration in Germany as Seen in the Typical Prussian City, Halle a. S.	14
JENKS, JEREMIAH W.:	Training for Citizenship	8
KELSEY, FRANCIS W.:	Should Papers Dealing with Matters of Scholarship, or Papers on Method, Be the Chief Feature of Teachers' Meetings?	5
KOVALEVSKY, MAXIME:	Russian Political Institutions	14
LAND, W. J. G.:	Double Fertilization in Compositae	18
LAUGHLIN, J. LAURENCE:	Ellstaetter, The Indian Silver Currency (translated)	13
	Gold and Prices since 1873	14
	Credit	14
LIFE, ANDREW C.:	The Tuber-Like Rootlets of Cycas revoluta	18
LIVINGSTON, BURTON E.:	On the Nature of the Stimulus Which Causes the Change in Form in Polymorphic Green Algae	18
LOEB, JACQUES:	Physiological Archives	17
	On the Production and Suppression of Muscular Twitchings and Hypersensitiveness of the Skin by Electrolytes	17

		PAGE
LYDGATE, JOHN:	The Assembly of Gods; or, The Accord of Reason and Sensuality in the Fear of Death (edited by Triggs)	13
LYON, FLORENCE MAY:	A Study of the Sporangia and Gametophytes of Selaginella apus and Selaginella rupestris	18
MACLENNAN, SIMON F.:	The Impersonal Judgment: Its Nature, Origin, and Significance	6
MATHEWS, SHAILER:	Constructive Studies in the Life of Christ	16
MCCALLUM, WILLIAM B.:	On the Nature of the Stimulus Causing the Change of Form and Structure in Proserpinaca Palustris	19
MCMURRY, CHARLES A.:	Course of Study in Geography for the Common School	8
MICHELSON, ALBERT A.:	The Velocity of Light	17
MILLER, MERTON L:	A Preliminary Study of the Pueblo Taos, New Mexico	15
MILLIKEN, O. J.:	The Chicago Vacation Schools for 1898	15
MILLION, JOHN W.:	State Aid to Railways in Missouri	14
MOORE, ADDISON W.:	Functional versus Representational Theories of Knowledge in Locke's Essay	6
MOULTON, RICHARD G.:	Books of Illustrations: (1) Ancient Tragedy, (2) Ancient Comedy	13
NIGHTINGALE, AUGUSTUS F.:	Results of the Chicago Experiment in Introducing Latin into the Seventh and Eighth Grades	5
OVERTON, JAMES B.:	Parthenogenesis in Thalectrum Purpurascens	18
READ, ELIPHALET A.:	The Idea of God in Relation to Theology	16
RICHARDS, ELLEN H.:	Food as a Factor in Student Life	15
ROGERS, ARTHUR K.:	The Parallelism of Mind and Body from the Standpoint of Metaphysics	6
RULLKOETTER, WILLIAM:	The Legal Protection of Women among the Ancient Germans	14
RUNYON, LAURA L.:	The Elementary School Record	6
SALMON, LUCY A.:	Some Principles in the Teaching of History	9
SANDERS, FREDERICK W.:	The Standard of Living in its Relation to Economic Theory and Land Nationalization	15
SCHMIDT, EMANUEL:	Solomon's Temple in the Light of Other Oriental Temples	16
SCHMIDT-WARTENBERG, H.:	Inedita des Heinrich Kaufringer	13
SCOFIELD, CORA L.:	A Study of the Court of Star Chamber	14
SEARLES, HELEN M.:	A Lexicographical Study of the Greek Inscriptions	12
SHOREY, PAUL:	The Idea of Good in Plato's Republic	12
SMALL, ALBION W.:	The Sociologists' Point of View	15
SMITH, ALEXANDER:	A Laboratory Outline of General Chemistry	17
SMITH, JAMES PERRIN:	Prodromites, A New Ammonite Genus from the Lower Carboniferous	18
SMITH, JOHN M. P.:	The Day of Yahweh	16
SMITH, ROY W.:	The Achromatic Spindle in the Spore Mother-Cells of Osmunda regalis	18
STARR, FREDERICK:	Notes on Mexican Archæology	15
	The Little Pottery Objects of Lake Chapala, Mexico	15
	The Mapa de Cuauhtlantzinco or Codice Campos	16
	Recent Mexican Study of the Native Languages of Mexico	16
	Indians of Southern Mexico	15
	The Physical Characters of the Indians of Southern Mexico	15
STEVENS, FRANK L.:	Gametogenesis and Fertilization in Albugo	18
STRATTON, ALFRED W.:	A History of Greek Noun-Formation	12
ST. JOHN, WALLACE:	The Contest for Liberty of Conscience in England	16
TALBOT, MARION:	Food as a Factor in Student Life	15
TANNER, AMY E.:	Association of Ideas: A Preliminary Study	6
TARBELL, FRANK B.:	The Direction of Writing on Attic Vases	12
	(1) Greek Hand Mirror in the Art Institute of Chicago. (2) Cantharus from the Factory of Brygos in the Boston Museum of Fine Arts	11
THOMPSON, HELEN B.:	The Individual and His Relation to Society, as Reflected in British Ethics	6

		PAGE
TRIGGS, OSCAR L.:	Lydgate, The Assembly of Gods; or, The Accord of Reason and Sensuality in the Fear of Death (edited)	13
TUFTS, JAMES H.:	The Individual and His Relation to Society, as Reflected in British Ethics	6
VEBLEN, T. B.:	Cohn, The Science of Finance (translated)	13
VON KLENZE, CAMILLO:	The Treatment of Nature in the Works of Nikolaus Lenau	11
VOTAW, CLYDE W.:	Books for New Testament Study	16
	The Primitive Era of Christianity as Recorded in the Acts of the Apostles, 30–63 A. D.	16
WALLACE, ELIZABETH:	The Constitution of the Argentine Republic and the Constitution of the United States of Brazil	14
WEBB, JONATHAN E.:	A Morphological Study of the Flower and Embryo of Spiræa	19
WEISS, BERNHARD:	The Present Status of the Inquiry Concerning the Genuineness of the Pauline Epistles	16
WELLER, STUART:	Prodromites, A New Ammonite Genus from the Lower Carboniferous	18
WHITE, HENRY KIRKE:	A History of the Union Pacific Railway	13
WHITFORD, HARRY N.:	The Genetic Development of the Forests of Northern Michigan: A Study in Physiographic Ecology	18
WILLIS, H. PARKER:	A History of the Latin Monetary Union	14
WOOD, FRANCIS A.:	(1) Verner's Law in Gothic. (2) The Reduplicating Verbs in Germanic	13
WYCKOFF, CHARLES T.:	Feudal Relations between the Kings of England and Scotland under the Early Plantagenets	14
YOUNG, ELLA F.:	Isolation in the School	5
	Ethics in the School	5
	Some Types of Modern Educational Theory	5

INDEX

BY TITLES

	PAGE
Achromatic Spindle in the Spore Mother-Cells of Osmunda regalis: Roy W. Smith	18
Alembic Club Reprints	19
Analysis of the Social Structure of a Western Town: Arthur W. Dunn	15
Ancient Comedy (Books of Illustration): Richard G. Moulton	13
Ancient Tragedy (Books of Illustration): Richard G. Moulton	13
Anticipatory Subjunctive in Greek and Latin: William G. Hale	12
Arte or Crafte of Rhethoryke (Cox): Frederic I. Carpenter	13
Association of Ideas: Amy E. Tanner	6
Assembly of Gods; or, The Accord of Reason and Sensuality in the Fear of Death (Lydgate): Oscar L. Triggs	13
Assyrian and Babylonian Letters, etc.: Robert F. Harper	11
Attempt to Frame a Working Hypothesis of the Cause of Glacial Periods on an Atmospheric Basis: Thomas C. Chamberlin	17
Bibliography of Sociology: C. H. Hastings	15
Book of Thekla: Edgar J. Goodspeed	16
Books for New Testament Study: Clyde W. Votaw and Charles F. Bradley	16
Books of Illustration: (1) Ancient Tragedy, (2) Ancient Comedy: Richard G. Moulton	13
Cantharus from the Factory of Brygos: Frank B. Tarbell	11
Charters of the City of Chicago: Edmund J. James	14
Chicago Vacation Schools for 1898: O. J. Milliken	15
Child and the Curriculum: John Dewey	5
Commercial Education: Cheesman A. Herrick	8
Concerning the Modern German Relatives, Das and Was: Starr W. Cutting	12
Conjunktiv bei Hartmann von Aue: Starr W. Cutting	13
Constitutions of Argentine Republic and Brazil: Elizabeth Wallace	14
Constructive Studies in the Life of Christ: Ernest D. Burton and Shailer Mathews	16

PAGE
Constructive Studies in the Priestly Element in the Old Testament: William R. Harper 16
Contest for Liberty of Conscience in England: Wallace St. John 16
Contributions to Education: John Dewey and Ella F. Young 5
Contributions from the Hull Botanical Laboratory 18
Contributions from Walker Museum 18
Contributions to Philosophy 6
Cours Complet de Langue Française: Maxime Ingres 11
Course of Study in Geography for the Common School: Charles A. McMurry 8
Court of Star Chamber, Study of: Cora L. Scofield 14
Credit: J. Laurence Laughlin 14
Culture Agencies of a Typical Manufacturing Group: South Chicago: John M. Gillette 15
Culture History in the Chanson de Geste: Wilson D. Crabb 11
Day of Yahweh: John M. P. Smith 16
Decennial Publications, University of Chicago 11, 12, 13, 14, 15, 17
Development of the Pollen in Some Asclepiadaceæ: T. C. Frye 18
Direction of Writing on Attic Vases: Frank B. Tarbell 12
Divinity Studies 16
Double Fertilization in Compositae: W. J. G. Land 18
Double Stars, General Catalogue of: Sherburne W. Burnham 17
Ecological Relations of the Vegetation of Western Texas: William L. Bray 18
Ecological Relations of the Vegetation on the Sand Dunes of Lake Michigan: Henry C. Cowles 18
Economic Studies of the University of Chicago 13
Education of Business-Men: Edmund J. James 5
Educational Situation: John Dewey 5
Elementary School Record: John Dewey and Laura L. Runyon 6
Epideictic Literature: Theodore C. Burgess 12
Ethics in the School: Ella F. Young 5
Ethno-Botany of the Coahuilla Indians of Southern California: David Prescott Barrows 15
Feudal Relations between the Kings of England and Scotland under the Early Plantagenets: Charles T. Wyckoff 14
Food as a Factor in Student Life: Ellen H. Richards and Marion Talbot 15
Functional versus Representational Theories of Knowledge in Locke's Essay: Addison W. Moore 6
Gametogenesis and Fertilization in Albugo: Frank L. Stevens 18
Genetic Development of the Forests of Northern Michigan: Harry N. Whitford . . . 18
Germanic Studies 13
Gold and Prices since 1873: J. Laurence Laughlin 14
Greek Hand Mirror in the Art Institute of Chicago: Frank B. Tarbell 11
Greek Noun-Formation, History of: Alfred W. Stratton 12
Herbart Society Publications 7
Historical and Linguistic Studies 16
Hull Botanical Laboratory Contributions 18
Idea of God in Relation to Theology: Eliphalet A. Read 16
Idea of Good in Plato's Republic: Paul Shorey 12
Imagination in Spinoza and Hume: Willard C. Gore 6
Impersonal Judgment: Simon F. MacLennan 6
Indian Silver Currency (Ellstaetter): J. Laurence Laughlin 13
Indians of Southern Mexico: Frederick Starr 15
Individual and His Relation to Society: James H. Tufts and Helen B. Thompson . . 6
Inedita des Heinrich Kaufringer: H. Schmidt-Wartenberg 13
Interest as Related to Will: John Dewey 7
Isolation in the School: Ella F. Young 5
Isoperimetric Problem on a Given Surface: Oskar Bolza 17
Laboratory Outline of General Chemistry: Alexander Smith 17
Latin Monetary Union, History of: H. Parker Willis 14
Legal Nature of Corporations: Ernst Freund 14
Legal Protection of Women among the Ancient Germans: William Rullkoetter . . . 14
Letters of the $R^{m}2$ Collection in the British Museum: George R. Berry 11
Lexicographical Study of the Greek Inscriptions: Helen M. Searles 12
Life and Repentaunce of Marie Magdalene (Wager): Frederic I. Carpenter 13
Little Pottery Objects of Lake Chapala, Mexico: Frederick Starr 15
Manila Bay, Ballad of: Horace S. Fiske 20

PAGE
Mapa de Cuauhtlantzinco or Codice Campos: Frederick Starr 16
Metaphor and Simile in the Minor Elizabethan Drama: Frederic I. Carpenter . . . 13
Mexican Archæology, Notes on: Frederick Starr 15
Moods and Tenses in New Testament Greek, Syntax of: Ernest D. Burton 11
Morphological Study of the Flower and Embryo of Spiræa: Jonathan E. Webb . . . 19
Municipal Administration in Germany: Edmund J. James 14
National Society for the Scientific Study of Education, Publications of 9
Nature of the Stimulus Causing the Change of Form and Structure in Proserpinaca Palustris: William B. McCallum 19
Nature of the Stimulus Which Causes the Change in Form in Polymorphic Green Algae: Burton E. Livingston 18
Necessary and Contingent in the Aristotelian System: William A. Heidel 6
Negatives of the Indo-European Languages: Frank H. Fowler 11
Neurological Technique: Irving Hardesty 17
New Star in Perseus: George E. Hale 17
Newberry Gospels: Edgar J. Goodspeed 16
Nuclear Studies in Pellia: Bradley M. Davis 18
On the Production and Suppression of Muscular Twitchings and Hypersensitiveness of the Skin by Electrolytes: Jacques Loeb 17
On the Text of Chaucer's Parlement of Foules: Eleanor P. Hammond 13
Oscan-Umbrian Verb System: Carl D. Buck 12
Ovule and Embryo of Potamogeton natans: George M. Holferty 18
Palæontological Notes: E. C. Case 18
Papyri from Karanis: Edgar J. Goodspeed 12
Parallelism of Mind and Body, etc.: Arthur K. Rogers 6
Parthenogenesis in Thalactrum Purpurascens: James B. Overton 18
Philosophy of the Humanities: Thomas Fitz-Hugh 5
Physical Characters of Indians of Southern Mexico: Frederick Starr 15
Physiological Archives, 1895: Jacques Loeb 17
Plant Histology, Methods in: Charles J. Chamberlain 17
Preliminary Study of the Pueblo Taos: Merton L. Miller 15
Present Status of Inquiry Concerning the Genuineness of the Pauline Epistles: Bernhard Weiss 16
Primitive Era of Christianity as Recorded in the Acts of the Apostles: Clyde W. Votaw 16
Prodromites, A New Ammonite Genus, etc.: James Perrin Smith and Stuart Weller . 18
Progress of Geography in the Schools: W. M. Davis 9
Proposed Genetic Classification of Pleistocene Glacial Formations: Thomas C. Chamberlin 17
Prospects of the Small College: William R. Harper 5
Psychology and Social Practice: John Dewey 5
Public Schools of Chicago: Hannah B. Clark 15
Recent Mexican Study of the Native Languages of Mexico: Frederick Starr 16
Reduplicating Verbs in German: Francis A. Wood 13
Repetition in Latin, Use of: Frank Frost Abbott 12
Report of the Educational Commission of the City of Chicago: edited by William R. Harper 5
Results of the Chicago Experiment in Introducing Latin into the Seventh and Eighth Grades: Augustus F. Nightingale 5
Russian Political Institutions: Maxime Kovalevsky 14
Šamaš Religious Texts: Clifton D. Gray 16
Sanctae Silviae Peregrinatio: Edward A. Bechtel 13
School and Society: John Dewey 5
Science of Finance (Cohn): T. B. Veblen 13
Science of Sociology: James M. Hyslop 15
Scutage and Knight Service in England: James F. Baldwin 14
Secession and Reconstruction of Tennessee: James W. Fertig 14
Second Variation in the So-called Isoperimetric Problems: Oskar Bolza 17
Should Papers Dealing with Matters of Scholarship, or Papers on Method, Be the Chief Feature of Teachers' Meetings? Francis W. Kelsey 5
Significance of the Problem of Knowledge: John Dewey 6
Sociologists' Point of View: Albion W. Small 15
Solomon's Temple in the Light of Other Oriental Temples: Emanuel Schmidt . . . 16

PAGE
Some Principles in the Teaching of History: Lucy A. Salmon 9
Some Types of Modern Educational Theory: Ella F. Young 5
Standard of Living in its Relation to Economic Theory and Land Nationalization: Frederick W. Sanders 15
State Aid to Railways in Missouri: John W. Million 14
Studies from the Psychological Laboratory: James R. Angell 6
Studies in Classical Philology 12
Study of the Sporangia and Gametophytes of Selaginella apus and Selaginella rupestris: Florence May Lyon 18
Theological and Semitic Literature: W. Muss-Arnolt. For the year 1900 16
For the year 1901 16
Training for Citizenship: Jeremiah W. Jenks 8
Transactions of the Illinois Society for Child-Study 9
Treatment of Nature in German Literature, etc.: Max Batt 11
Treatment of Nature in the Works of Nikolaus Lenau: Camillo von Klenze 11
Tuber Like Rootlets of Cycas revoluta: Andrew C. Life 18
Union Pacific Railway, History of: Henry Kirke White 13
Utterances of Amos Arranged Strophically: William R. Harper 16
Vacation-School Movement: Sadie American 15
Velocity of Light: Albert A. Michelson 17
Verner's Law in Gothic: Francis A. Wood 13
Vertebrates from the Permian Bone-Bed of Vermilion County, Illinois: Ermine C. Case 18
Vitruvius and the Greek Stage: Edward Capps 12
Walker Museum Contributions 18
Weight of the Central Nervous System of the Frog: Henry H. Donaldson 17
Yerkes Observatory Publications 17

PERIODICALS

American Journal of Semitic Languages and Literatures, The 29
American Journal of Sociology, The 28
American Journal of Theology, The 28
Astrophysical Journal, The 27
Biblical World, The 26
Botanical Gazette, The 27
Elementary School Teacher, The 27
Journal of Geology, The 28
Journal of Political Economy, The 28
Manual Training Magazine, The 29
School Review, The 26

OFFICIAL PUBLICATIONS

THE UNIVERSITY OF CHICAGO CIRCULAR OF INFORMATION (published five times a year).

No. 1. Graduate Schools (April).
No. 2. Colleges (May).
No. 3. Open Lecture Circular (June).
No. 4. Annual Register (July).
No. 5. President's Report (October).

THE UNIVERSITY OF CHICAGO BULLETIN (published six times a year).

No. 1. Divinity School (March).
No. 2. School of Education (April, Summer Announcements).
No. 3. Law School (May).

No. 4. Courses in Medicine (June).
No. 5. College of Commerce and Administration (July).
No. 6. University College (August).

THE UNIVERSITY OF CHICAGO ANNOUNCEMENTS (published eight times a year).
No. 1. Preliminary Announcements (February).
No. 2. Summer Announcements (April).
No. 3. Open Lectures (May).
No. 4. Lecture Study Department (June).
No. 5. Correspondence Study Department (July).
No. 6. Correspondence Study Department (September).

PAGE

SYLLABI OF THE UNIVERSITY EXTENSION DIVISION

Nos. 1–157 21

READING LISTS OF THE UNIVERSITY EXTENSION DIVISION

Nos. 1–3 25

TRACTS OF THE UNIVERSITY EXTENSION DIVISION

Nos. 1–3 25

CIRCULARS OF THE UNIVERSITY EXTENSION DIVISION

A, B, C 25

ANNOUNCEMENTS

THE UNIVERSITY OF CHICAGO DECENNIAL PUBLICATIONS

These volumes were planned in connection with the celebration of the completion of the first ten years of the educational work of the University of Chicago, the purpose being to set forth and exemplify the material and intellectual growth of the University during its first decade. The scheme includes a list of about twenty-five volumes, some of which are now ready and the others in an advanced stage of preparation. The publications will be issued in two series — the first series in quarto form, $8\frac{5}{8} \times 11\frac{1}{8}$ inches; the second in octavo, 6×9 inches.

First Series.—The first series will comprise ten volumes, of which the first two will contain the Reports of the President of the University to the Board of Trustees, and the last eight as many groups of scientific articles representing the work of research of the several departments. The groups are as follows: Systematic Theology, Church History, Practical Theology, Philosophy, Education; Political Economy, Political Science, History, Sociology; Semitic Languages and Literatures, Biblical and Patristic Greek, Comparative Religion; the Greek and Latin Languages and Literatures, Sanskrit and Indo-European Comparative Philology, Classical Archæology; the Romance, Germanic, and English Languages and Literatures; Astronomy and Astrophysics; Mathematics, Physics, Chemistry, Geology; Zoölogy, Anatomy, Physiology, Neurology, Botany, Pathology and Bacteriology, Palæontology. Many of the articles will be issued and circulated in separate form in advance of the volumes.

The contributions now ready and published in preprint form are as follows:

Credit (Vol. IV, No. 1)

By Dr. J. Laurence Laughlin, professor and head of the Department of Political Economy. The nature of credit and its effect on prices have long been a subject of disagreement among economists. Its basis is commonly assumed to be money, or bank reserves. Dr. Laughlin's study departs from the usual treatment by first showing that credit in its last analysis is always based on goods and not on money. Then he proposes a new classification into normal and abnormal credit, the former being no greater than, and the latter in excess of, saleable goods actually owned by the borrower. Abnormal credit is a synonym for overtrading. The outcome of the exposition in regard to credit and prices shows that normal credit has practically no effect on general prices. A steady enlargement of normal credit is constantly going on consistently with the legitimate fall of the general price-level. Abnormal credit, on the contrary, raises prices all around, but, because it is not based upon goods, but on a delusion, the rise of prices always results in a collapse as soon as the delusion is pricked. 28 pp., 4to, paper, *net*, 50 cents; postpaid, 53 cents.

The Physical Characters of the Indians of Southern Mexico (Vol. IV, No. 3)

By FREDERICK STARR. This contribution contains the results of physical examinations and measurements taken during the author's five-years' investigation upon the physical type of south Mexican Indians. In it the author first outlines the purpose and methods of the investigation; he then discusses several of the more important anthropological data, one after another, and considers their range, variation, and significance through the twenty-three tribes; lastly, each tribe is considered in detail, and its characters and type are defined. The work is handsomely illustrated with a series of portraits, in which at least one subject from each tribe is represented in front and profile views. A sketch map shows the geographical locations of the tribes investigated, and a color diagram is introduced. The work is the only serious study yet printed upon the anthropologically little known tribes of this region. 59 pp., 4to, with numerous illustrations and a color chart, paper, *net*, 75 cents; postpaid, 81 cents.

A Greek Hand-Mirror in the Art Institute of Chicago; and, A Cantharus from the Factory of Brygos in the Boston Museum of Fine Arts (Vol. VI, Nos. 1, 2)

By FRANK BIGELOW TARBELL. The first article of this contribution includes a description, accompanied by a half-tone illustration, of a Greek hand-mirror of the fifth century B. C., of unusual design and decorations, presented to the Chicago Art Institute by Martin A. Ryerson, Esq. The second article, which is accompanied by two heliotype plates, describes a fine vase acquired by the Boston Museum of Fine Arts. It is shown to belong to the school of Brygos, perhaps to Brygos himself, a ceramic artist of the early fifth century B. C. 11 pp., 4to, paper, *net*, 25 cents; postpaid, 27 cents.

The Meaning of ἐπὶ τῆς σκηνῆς in Writers of the Fourth Century (Vol. VI, No. 3)

By R. C. FLICKINGER.

The Proconsulate of Julius Agricola in Relation to History and to Encomium (Vol. VI, No. 4)

By GEORGE L. HENDRICKSON. Apart from the interpretation of single passages in the *Agricola* of Tacitus, the purpose of the paper is to illustrate in detail and to characterize the difference in literary treatment between biography and history.

On the Text of Chaucer's Parlement of Foules (Vol. VII, No. 1)

By ELEANOR PRESCOTT HAMMOND. In the course of a careful discussion of the genealogical relations and intrinsic worth of the existing manuscripts of this poem, it is shown that no text as yet printed is strictly critical and that the critical text will be found to contain metrical features which, if discovered in other reconstructions of Chaucerian originals, will compel a readjustment of current theories as to the poet's meter. It is demonstrated that the Cambridge manuscript hitherto so admired by editors is an untrustworthy authority, and that the archetype is more nearly reflected in the pair of manuscripts, Fairfax 16 and Bodley 638 of the Bodleian Library in Oxford. 25 pp., 4to, with diagrams, paper, *net*, 50 cents; postpaid, 53 cents.

The Treatment of Nature in the Works of Nikolaus Lenau. An Essay in Interpretation (Vol. VII, No. 2)

By CAMILLO VON KLENZE. This article presents a detailed study of the part which landscape plays in the letters and diaries in the poetical works of the Austrian poet Lenau. Comparison with contemporary poets like Byron, Shelley, Lamartine, Hugo, Tieck, Novalis, Heine, and others, proves him on the whole the most significant exponent of the "romantic" attitude toward nature. 83 pp., 4to, paper, *net*, 75 cents; postpaid, 82 cents.

Concerning the Modern German Relatives, Das and Was, in Clauses Dependent upon Substantivized Adjectives (Vol. VII, No. 3)

By STARR WILLARD CUTTING. This article presents an examination of the distribution and function of *das* (*welches*) and of *was* in the modern German relative after substantivized adjective antecedents, undertaken in the light of numerous examples selected from the writings of Hauptmann, Heyse, Keller, Meyer, Nietzsche, Knabe, Schopenhauer, Spielhagen, Sudermann, and Wildenbruch. 21 pp., 4to, paper, *net*, 25 cents; postpaid, 28 cents.

The Velocity of Light (Vol. IX, No. 1)

By ALBERT A. MICHELSON. Professor Michelson's researches on this subject have attracted wide attention among physicists. Following the line of his early experiments, he now describes a new method by which the velocity of light, the accurate determination of which is of such great importance in physical and astronomical research, may be measured with a very narrow margin of error. 9 pp., 4to, paper, with illustrations, *net*, 25 cents; postpaid, 27 cents.

Concerning the Geodesic Curvature and the Isoperimetric Problem on a Given Surface; and, Proof of the Sufficiency of Jacobi's Condition for a Permanent Sign of the Second Variation in the So-called Isoperimetric Problem (Vol. IX, Nos. 2, 3)

By OSKAR BOLZA. The preprint includes two articles. The first gives a new proof of the well-known theorem that the closed curve of given length drawn on a given surface which incloses a portion of the surface of maximum area is a curve of constant geodesic curvature. The second article gives a simple proof of the sufficiency of Legendre's and Jacobi's conditions for a permanent sign of the second variation in the simplest type of isoperimetric problems in parameter representation. 8 pp. and 7 pp., 4to; bound together, paper, *net*, 25 cents; postpaid, 27 cents.

On the Production and Suppression of Muscular Twitchings and Hypersenitiveness of the Skin by Electrolytes (Vol. X, No. 1)

By JACQUES LOEB. In this article Dr. Loeb continues his investigations dealing with the determination of electrolytes which are liable to produce and inhibit hyperactivity of muscles and hypersensitiveness of the nerves of the skin, the endeavor being to answer the question whether or not the stimulating and inhibiting effects of ions are a function of their valency and electrical charge. The experiments herein described have a practical bearing on the treatment of certain diseases. 13 pp., 4to, paper, *net*, 25 cents; postpaid, 27 cents.

On a Formula for Determining the Weight of the Central Nervous System of the Frog from the Weight and Length of the Entire Body (Vol. X, No. 2)

By HENRY H. DONALDSON. This investigation shows that in the frog the weight of the brain and spinal cord combined can be expressed by a simple formula which is based on the weight of the entire body and its length. It thus appears that the weight of the central nervous system in the frog always bears a definite relation to the entire animal, and therefore, when the length of the frog and its body-weight are known, it is possible to calculate the weight of the central nervous system by the use of the formula which is given. 15 pp., 4to, paper, *net*, 25 cents; postpaid, 27 cents.

Amorphous Sulphur and its Relation to the Freezing-Point of Liquid Sulphur (Vol. IX, No. 6)

By ALEXANDER SMITH, with the collaboration of WILLIS B. HOLMES. The chief results of this investigation are: (1) A fairly accurate method of analyzing mixtures of

amorphous and soluble sulphur has been worked out. (2) The freezing-point of pure liquid sulphur is found to be 119.25°. (3) The freezing-point of pure melted sulphur is shown to depend solely upon the quantity of amorphous sulphur which it contains, and to be depressed below 119.25° proportionately to the amount of the latter. (4) The molecular weight of amorphous sulphur in solution is found to be S_8. (5) Amorphous sulphur is thus an isomer of soluble sulphur and exists in chemical equilibrium with liquid soluble sulphur whose molecular weight is unknown. The influence of foreign substances on the rate of formation of amorphous sulphur, the quantities of the latter existing at various temperatures when equilibrium has been reached, and the whole behavior of fluid sulphur are being investigated.

Among other contributions in preparation are to be mentioned the following:

Have We a Likeness of Christ? The Testimony of Early Christian Art (Vol. III, No. 1)

By FRANKLIN JOHNSON. This article is a detailed refutation of the view that is widely held that the representations of Christ in early Christian art go back to a painter contemporary with Christ. The argument is illustrated by sixteen half-tone cuts. 16 pp., 4to, paper, *net*, 25 cents; postpaid, 27 cents.

The Significance of Sociology for Ethics (Vol. IV, No. 4)

By ALBION W. SMALL.

Practical Sociology in the Service of Social Ethics (Vol. III, No. 2)

By CHARLES R. HENDERSON. This essay attempts to evidence that there is need for a mediating scientific discipline between explanatory social science and the traditional outlines of conduct in works on ethics; and to indicate how far sociologists have already gone in this direction "social technology" is suggested as the most exact designation for this branch of investigation. Evidence that such a discipline is legitimate is derived from Aristotle and from the latest ethical writers. That this discipline may be made truly scientific, and should be distinguished from "art," is urged in connection with a criticism of passages in Mill's *Logic*. That encouraging results have already been obtained is shown by references to the literature of practical economics and to bodies of regulative principles in various large fields of conduct.

Greek Papyri from the Cairo Museum (Vol. V, No. 1)

By EDGAR J. GOODSPEED. This contribution presents forty documents and literary fragments, constituting the first representative selection of Greek papyri to appear in America. All the periods of Greek papyri—Ptolemaic, Roman, and Byzantine—are represented, the pieces being taken from the collections of the Cairo Museum, Westminster College, Field Columbian Museum, and the private collection of the editor. The texts are accompanied by introductions and notes, and translations are appended to the more technical or extensive ones.

A Stichometric Scholium to the Medea of Euripides, with Remarks on the Text of Didymus (Vol. VI, No. 5)

By TENNY FRANK. A certain line occurs twice in the *Medea* of Euripides and is cited in a third place by Didymus, according to a scholium the exactness of which has been questioned. Now a second scholium, which has hitherto been misunderstood because of a corruption, when emended supplies the stichometrical data, which prove to be of service in clearing away the confusion and in establishing an early text of the *Medea*.

Preliminary Notes on Two Old Spanish Versions of the Disticha Catonis (Vol. VII, No. 4)

By Carl Pietsch.

The Espurgatoire Saint Patriz of Marie de France (Vol. VII, No. 5)

By T. Atkinson Jenkins. The Latin text of the *Tractatus de Purgatorio sancit Patricii* contained in the Harleyan manuscript 3846 is printed for the first time, accompanied in parallel columns by the old French metrical translation of Marie de France, made at the end of the twelfth century. The precise version used by Marie de France has not been found; the Harleyan manuscript represents this version more completely and better than any manuscript yet made accessible. The French text has been improved materially by this comparison with the Latin original. The text of the Tractatus from another British Museum manuscript (Royal 13 B VIII) is printed in full as an appendix.

Measures of Double Stars with the 40-Inch Refractor of the Yerkes Orservatory in 1900 and 1901 (Vol. VIII, No. 1)

By S. W. Burnham.

Micrometrical Observations of Eros Made with the 40-Inch Refractor of the Yerkes Observatory During the Opposition of 1900-1901 (Vol. VIII, No. 2)

By E. E. Barnard. The favorable position of the minor planet Eros for observation in 1900 was taken advantage of for a redetermination of the sun's distance. An observation program was arranged so that the astronomers in America could co-operate with those of Europe in making simultaneous measures of the position of the planet upon the face of the sky. The minuteness of Eros and the peculiarities of its orbit make observations of it the most accurate method of all for the determination of the sun's parallax. The larger observatories in this country undertook the work of observing the planet while it was nearest in October, November, and December of 1900. The observations at the Yerkes Observatory were made on seventy-three nights with the great telescope, and over one thousand five hundred measures of right ascensions and declinations were obtained. The positions of the comparison stars used in these measures are now being accurately determined in Europe. A large number of determinations of the brightness of the planet was also made during the observations with the great telescope. These will be useful in investigations of the variability of the light of Eros which occurred during the observations of the planet. The paper for the Decennial Publications contains the measures of position and the observations for the brightness of the planet.

Ternary Orthogonal Group in a General Field (Vol. IX, No. 4)

By Leonard Eugene Dickson. An investigation for an arbitrary field (realm of rationality) of a subject previously treated for a continuous field by Weber, and for a Galois field by the writer.

Groups Defined for a General Field by the Rotation Groups (Vol. IX, No. 5)

By Leonard Eugene Dickson. A contribution to the theory of group-determinants and group-characters due to Frobenius and Burnside for continuous fields, and to the writer for arbitrary fields.

The Artificial Production of Spores in Monas by a Reduction of the Temperature (Vol. X, No. 3)

By Arthur W. Greeley.

The Development of the Colors and Color Patterns of Coleoptera, with Observations upon the Development of Colors in Other Orders of Insects (Vol. X, No. 4)

By WILLIAM LAWRENCE TOWER.

The Structure of the Glands of Brunner (Vol. X, No. 5)

By R. R. BENSLEY. The glands of Brunner should be regarded as mucus-secreting glands for the following reasons: (1) the absence of the cytological characters which are now recognized as the principal features of the structure of the serous cell (basal filaments of Solger, granules of zymogen, etc.); (2) the structural similarity to the cells of other mucous glands in corresponding phases of secretion; (3) the staining reactions. The failure of von Ebner and others to obtain a mucin reaction in the contents of the secreting cells of the glands of Brunner by the use of Mayer's solutions, muchæmatein and mucicarmine, is probably due to too close an adherence to the original formulæ of Mayer, who expressly states that his solutions stain some mucins readily, others slightly or not at all. The writer has found that the range of positive results with these stains may be greatly extended by increasing the strength of the solutions employed. For example, a solution containing 1 g. of hæmatein, .5 g. of aluminium chloride, and 100 c.c. of 70 per cent. alcohol has given an intense coloration of the secretory contents of the cells of the glands of Brunner, without regard to their source or to the method employed for fixation. The question of the similarity of the glands of Brunner to the pyloric glands is discussed from the standpoint of the relative specialization of the stomach in different genera, and an attempt is made to show that the great differences between these two groups of glands observed in some mammals are not primary but secondary in character, and owe their origin to the fact that the pyloric glands have been subjected to the action of the factors which have produced the specialization, to which factors the glands of Brunner, owing to their position in the tela submucosa, are not exposed. Accordingly, the differences are slight in animals in which the stomach has retained the primitive type, *e. g.*, Didelphis, very great in animals in which the stomach has reached a high degree of specialization, *e. g.*, Fiber. Finally, the bearing of the facts of structure, distribution, and histogenesis on the question of the phylogeny of the glands of Brunner, and on the theory of the respective specificity of the epithelia of the stomach and intestines, is discussed.

The Animal Ecology of the Cold Spring Harbor Sand Spit, with Remarks on the Theory of Adaptation (Vol. X, No. 5)

By CHARLES B. DAVENPORT. The sand spit at Cold Spring Harbor is microcosm where marine and terrestrial species come together. The marine organisms contribute flotsam and jetsam to the upper beach, so that the line of débris just above the high-tide line is rich in organic matter, both plant and animal. This line of débris, renewed twice each day, is the feeding-ground of a remarkable fauna. Here lives, in a terrestrial habitat, a marine species of amphipod, and in the same situation are found numerous terrestrial species, such as ants, flies, and beetles. These scavengers, in turn, invite a number of predaceous creatures — spiders, robber-flies, and tiger beetles. Finally these are preyed upon by the swallows. At the tip of the sand spit live certain species that depend upon the currents to bring them their food. These, like the other creatures, are adapted to their environment. The adaptation has been in part brought about by a segregation of individuals into the environment to which their structure fits them.

The Finer Structures of the Neurones in the Nervous System of the White Rat (Vol. X, No. 6)

By SHINKISHI HATAI. This article describes mainly the finer structure of the axones and dendrites of various forms of neurones as well as the intimate anatomical relations existing between the two processes just mentioned. In addition, the finer structure of the ground substance in the nerve cell bodies is discussed. The observations were made on material which was fixed and stained with reagents devised by the author.

Second Series.—The volumes of the second series, which are either ready or in advanced stages of preparation, are as follows:

The Life and Repentaunce of Marie Magdalene

Edited, with an Introduction, Notes, and Glossarial Index, by FREDERIC IVES CARPENTER. During the last quarter-century the rapidly growing interest in the history of the drama and English literary history in general has led to the reproduction in modern form of most of the English dramas of the Elizabethan age, so that only a small number remain to be edited and reprinted. Among the few remaining is *The Life and Repentaunce of Marie Magdalene*, a sixteenth-century morality-play by Lewis Wager, now for the first time reprinted and provided with editorial apparatus. This play, which has been strangely overlooked by such editors as Collier, Hazlitt, Bullen, and others, is especially interesting as continuing the literary treatment of the Magdalen legend and occupying a unique position in the history of the drama in presenting a mixture of type — morality, historical, and biblical — scarcely met with elsewhere. Pp. xxxii + 91, 8vo, cloth, *net*, $1.00; postpaid, $1.08.

The Second Bank of the United States

By RALPH H. C. CATTERALL. A history of the second Bank of the United States, treating at length both the monetary and political questions connected with that institution. Thus the book deals not only with the political events of the Bank War, but also with the subjects of branch drafts, the bank as a government agency, and the bank's control of state banks and of currency. In addition to the material secured from ordinary sources, the author has had access to the manuscript papers of Nicholas Biddle, including an enormous mass of letters from prominent individuals in relation to the bank, as well as the letter-books of President Biddle himself. From these sources much new light is thrown upon the events immediately preceding the application in 1832 for a renewal of the charter, the struggle which followed, Biddle's management of the bank, and his opinions relative to the bank's attitude on political matters. About 550 pp., 8vo, cloth, *net*, about $2.00; postpaid, about $2.25.

The Poems of Anne, Countess of Winchilsea

Edited, with Introduction and Notes, by MYRA REYNOLDS. The Countess of Winchilsea wrote during the years 1680–1720. A portion of her work appeared in 1713, in a volume now quite rare. Her unpublished poems are in two manuscripts, one in the possession of the Earl of Winchilsea and the other in that of Mr. Edmund Gosse. Miss Reynolds's volume contains all the available extant work of Lady Winchilsea. An important feature is the biographical sketch compiled from original sources which appears in the Introduction, pointing out in detail the characteristics in which her poems were not in harmony with contemporary tendencies. About cl + 350 pp., 8vo, cloth, *net*, about $2.50; postpaid, about $2.95.

Light Waves and Their Uses

By ALBERT A. MICHELSON. This book contains a course of eight lectures delivered before the Lowell Institute at Boston in the year 1899. In these lectures the results of the investigations with which Professor Michelson has been engaged for the last twenty years are presented in language as free from technicality as possible. The first chapter contains a discussion of wave motion, and shows that the most important characteristic of waves is their ability to produce interference phenomena. The other lectures deal with the methods which have been devised for making use of the interference of the waves of light in the production of a natural standard of length, in analyzing the vibrations which a source of light emits, and in measuring extremely minute distances and angles. These lectures are now for the first time rendered accessible to the public at large. They contain much information about the light waves which is to be found only in scientific periodicals. The subject is presented in such simple form that comparatively little training is needed to enable one to comprehend the essential facts and fundamental principles involved. One hundred and thirty drawings illustrate the text. About 200 pp., 8vo, cloth, *net*, about $2.00; postpaid, about $2.15.

The Rôle of Diffusion and Osmotic Pressure in Plants

By BURTON E. LIVINGSTON. The fundamental importance of osmotic phenomena in organic life has long led teachers to feel the need of a treatise on this subject at once thorough and concise, such that it might be used by students whose knowledge of chemistry and physics is only elementary. The first part of the publication supplies this demand. In the second part the author has presented the present status of knowledge with regard to the osmotic occurrences in plants. Here thoroughness and completeness have not been sacrificed to conciseness, but the two have been so brought together that this part should be valuable, not only to the beginning student who wishes to acquaint himself with the nature of the absorption and transmission in plants, but also to the advanced student who desires a bibliography of physiological osmosis and diffusion. About 150 pp., 8vo, cloth, *net*, about $2.00; postpaid, about $2.15.

Assyrian and Babylonian Letters Belonging to the Kouyunjik Collection of the British Museum

Edited by ROBERT FRANCIS HARPER. The eighth volume of Professor Harper's *Corpus of Assyrian and Babylonian Letter Literature*, which was begun in 1892, will appear as a number of the Decennial Series, the preceding seven volumes having also been issued by The University of Chicago Press. The work of which this volume forms a part includes the text of over eight hundred letters, most of which have been deciphered and published for the first time by the present editor. Just one hundred years ago the beginning was made by Grotefend of deciphering the strange cuneiform characters of the language of Assyria and Babylonia. By extraordinary perseverance, learning, and acumen a succession of scholars have completely solved the puzzle, and the extensive documents of the ancient civilization of Mesopotamia are now an open book to historians. Unique among these documents are the letters written upon clay tablets which have been unearthed in large numbers on various sites. This volume is preceded by a general introduction by Professor Harper to the letter literature as a whole, designed to give the student and general reader a fair idea of the importance of this class of inscriptions for the student of history, private and public life, diplomacy, warfare, and language. 8vo, cloth, *net*, $6; postpaid, $6.12.

Legal Tender: A Study in English and American Monetary History

By SOPHONISBA P. BRECKINRIDGE. The object of this study is to present the history of the exercise of the legal-tender power by the governments of England and of the United States. The idea of legal tender is primarily a legal idea. In order that the relations of debtor and creditor may have a due degree of certainty, it is essential that certain money units in common use shall carry with them the right to use them in canceling obligations growing out of contracts. The purpose of bestowing this right is, then, a legal purpose. But the right is often conferred for other reasons than the legal one—from political and economic reasons. A review of the forms in which the power to bestow the right has been exercised, of the reasons which have prevailed, of the constitutional and political considerations involved, is here presented as a basis for the solution of economic problems connected with the subject, and dependent for their right understanding upon such consideration.

Among the other volumes of the second series to be ready during the autumn and winter months are to be mentioned the following:

Studies in Logical Theory

Edited by JOHN DEWEY. As is indicated by the title of this volume, the book undertakes a series of critical and constructive studies in logic along the lines of the recent work of such authors as Bradley, Bosanquet, Lotze, and Sigwart, as well as Mill and some of the earlier English writers. Among the contributors, besides the editor, are Dr. MacLennan, of Oberlin College; Dr. Stuart, of the State University

of Iowa; Dr. Helen Thompson, of Mount Holyoke College; Drs. Moore and Ashley, of the University of Chicago, etc. The volume represents the first fruits given to the public of the investigations carried on continuously in the Graduate School of the University during the last eight years.

A History of the Greenbacks, with Special Reference to the Economic Consequences of Their Issue

By WESLEY CLAIR MITCHELL. The experience of the United States with the green backs is of peculiar interest from both the historical and economic points of view This monograph treats the subject from both points of view, the first part being devoted to the study of the chain of events which led up to the issue of the paper money, and the second part tracing in detail the effects of the desertion of a metallic for a paper standard. The elaborate chapter on wages includes a detailed analysis of the Aldrich Report in comparison with the hitherto almost unused material by Mr. J. D. Weeks in Vol. XX of the Census of 1880. An interesting feature is the incidental statistical demonstration of an element of truth in the much-despised subsistence theory of wages. Similar studies on rent, interest, and profits are followed by a chapter upon "The Greenbacks and the Cost of the Civil War," showing to what degree the paper issues increased the expense incurred by the government in carrying on the struggle.

La Perfecta Casada

Edited by ELIZABETH WALLACE. This volume is a reprint of the third edition (1587) of the most popular prose work of Fray Luis de Leon, with variants of the first edition, and introductory notes. The present edition possesses a distinct advantage over the former ones, which have all been in a form inconvenient for the student of the sixteenth century Spanish and often subject to embarrassing inaccuracies. The text is reprinted from one which was corrected and revised by de Leon and forms an excellent basis for the study of the style and language of the great master of Spanish prose.

Studies in General Physiology

By JACQUES LOEB. This volume will contain some of the author's principal papers on the subjects of animal tropisms, heteromorphosis and artificial transformation of organs, artificial parthenogenesis, physiological effects of ions, the effects of lack of oxygen, function of cell nucleus, etc. These papers have appeared in scattered German periodicals or as separate publications in German, and many of them are now out of print or inaccessible. It is believed that physiologists, biologists, and physicians will be interested in having these investigations gathered together in one volume in English.

Lectures on Calculus of Variations

By OSKAR BOLZA. This treatise is, in substance, a reproduction in considerably extended form of a series of lectures delivered by the author at the Colloquiam held in connection with the summer meeting of the American Mathematical Society at Ithaca, N. Y., in August, 1901. It gives a detailed account of the typical and most important class of problems in the calculus of variations — in which an integral depending upon a plane curve and containing no higher but the first derivatives of the unknown functions is to be maximized or minimized — with special emphasis upon the progress of the theory during the last twenty-five years. The following topics are treated: (1) the older theory of the first and second variation from Euler to Jacobi, and the critical revision of its foundations and demonstrations by Du-Bois-Reymond, Scheeffer, Weierstrass, and others; (2) Weierstrass's theory: the proplem in parameter-representation, the fourth necessary condition; sufficient conditions; (3) simplifications and extensions of Weierstrass's theory, especially by Kneser and Hilbert; (4) the so-called isoperimetric problems; (5) Hilbert's existence theorems.

SPECIAL BOOKS

Among other announcements for immediate publication are the following:

The Diary and Correspondence of Wilhelm Müller

By PHILIP S. ALLEN, of the Germanic Department of the University of Chicago, and JAMES TAFT HATFIELD, of the Germanic Department of the Northwestern University. Wilhelm Müller, father of Dr. Max Müller, of Oxford, was one of the most pleasing lyricists of the nineteenth century and a conspicuous member of the later romantic school in Germany. The diary, hitherto unpublished, is an intimate and detailed account of Müller's life and thoughts from his twenty-first birthday, August 7, 1815, until the close of the following year, and in it there is found a naïve discussion of his idealistic beliefs. The letters were written by the poet to his wife during the early years of their marriage, and throw interesting sidelights upon the talented literary and musical society of Dresden and Berlin, where Müller was always a welcome guest. In view of the fact that the library and personal papers of Wilhelm Müller were all destroyed by fire many years ago, it is probable that no other intimate record of the poet's activity or artistic striving will ever be published.

The Place of Industry in Elementary Education

By KATHARINE ELIZABETH DOPP. This book aims to bring to the problems of elementary education the results of research in the department of sociology, anthropology, and history on the one hand, and the department of education on the other. After a brief survey of the educational situation, attention is given to (1) the social and educational significance of the industrial epochs that have characterized human progress from the most remote times to the present; (2) the origin of attitudes that underlie activity, and the changes that take place in attitudes in the development of the individual and the race; (3) the principles of service in the interpretation of the attitudes of the child and in the selection of materials for the course of study; and (4) practical application of the ideas above set forth to problems of the elementary school. The appearance of this book is timely, coming in response to a very general demand for some principle by means of which to evaluate the various forms of industry that are being introduced into the elementary school with reference to other factors in education. Although written from the point of view of scientific research, it is sufficiently concrete and popular in style to be serviceable in normal schools, reading circles, and women's clubs.

A Quantitative Chemico-Mineralogical Classification and a Nomenclature of Igneous Rocks

By WHITMAN CROSS, JOSEPH P. IDDINGS, LOUIS V. PRISSON, and HENRY L. WASHINGTON; with an introductory review of the "Development of Systematic Petrography in the Nineteenth Century," by WHITMAN CROSS. This book contains a critical review of the various systems of petrographic classification that have appeared in the nineteenth century, which forms a historical introduction to the new system of quantitative classification and the nomenclature proposed by Messrs. Cross, Iddings, Prisson, and Washington. The authors propose a simplified classification and nomenclature of igneous rocks for use in the field and for those who are not petrographers. This is based wholly on megascopic rock characters, and is virtually a restoration of the earliest system in vogue with the founders of the science. Methods of calculating mineral composition from the chemical composition of rocks, and the reverse, with tables to aid the operation, are set forth at length. There is also a glossary of new terms employed by the authors.

The Kingdom of God in the Writings of the Fathers

By H. M. HERRICK. This work is based upon an investigation of the Christian writings of the patristic age, from Clement of Rome at the close of the first century to John of Damascus in the middle of the eighth. It endeavors to answer the following ques-

tions: What was understood by the kingdom of God in the early Christian centuries? To what extent was the New Testament usage of this expression followed, and wherein was it departed from? Did the Fathers on the whole preserve the great idea of the kingdom of God and hand it down, or did they lose it? The use of the expression "the kingdom of God" by Jesus and the apostles, as the starting-point of this book, is the subject of the introductory chapter. The views of the Fathers in groups of Greek and Latin are then given in chronological order, according to the periods of church history. Above five hundred quotations from the Fathers concerning the kingdom are given; and in Part II a topical outline of their chief ideas on this theme, together with tables showing the distribution of these references in their works, including their use of the Scripture. A general index at the close locates nearly four thousand references to the kingdom of God in the patristic writings. Many of the best thoughts of the early centuries cluster around this theme, scattered throughout the whole range of the literature; and possibly no other theme is more suggestive as a key to primitive views of Christianity.

Psychological Norms in Men and Women

By HELEN BRADFORD THOMPSON. This volume is distinguished from all previous works on the mental characteristics of sex in that it is founded on actual experiments, and can therefore base its statements, not merely on opinion, or on inconclusive deductions from anatomy and physiology, but on fact. The experiments which furnish the basis for the work were carried out in the psychological laboratory of the University of Chicago on university students of the junior and senior years, and of the first year of graduate work. These tests cover the various senses, motor ability, intellectual processes, and affective processes. The work contains also a comparison of the results with those of any similar tests made by other observers. The last chapter comprises a general summary of the experimental facts collected, and a discussion of the results with reference to the modern biological theory of sex. The final conclusion reached is that the sexual differences discovered are very slight, and are of such a nature that they can be adequately explained by the existing differences of training and social surroundings without appeal to any real psychological differences of sex.

The Recovery and Restatement of the Gospel

By LORAN D. OSBORN. The title of this book, as expressed in the sentences of the introduction, is "to show that the gospel of Jesus has become obscured during the process of its historical development, and that it is, therefore, necessary to go back of this process in order to recover the gospel that he taught; and, inasmuch as the world's culture has radically changed during the centuries since Christianity received its first dogmatic expression, this recovered gospel needs restatement in terms of modern thought and life." The work tells the history of the early transformation of the gospel as it came in contact with its early environment. The movement is traced down through its various stages of development with special reference to the Lutheran Reformation and the theological obscuration of the gospel in the Protestant creeds of the sixteenth and seventeenth centuries, with results which show that radical changes have taken place in the gospel as preached by Jesus in Nazareth. The work shows further that the new Bible-study movement of the century has done much to bring Christianity back to its original sources, and with a result of a clearer understanding of the gospel of Jesus than any other age has possessed. Throughout the whole book the author emphasizes the loyalty to Jesus Christ as a governing position in Christian thinking.